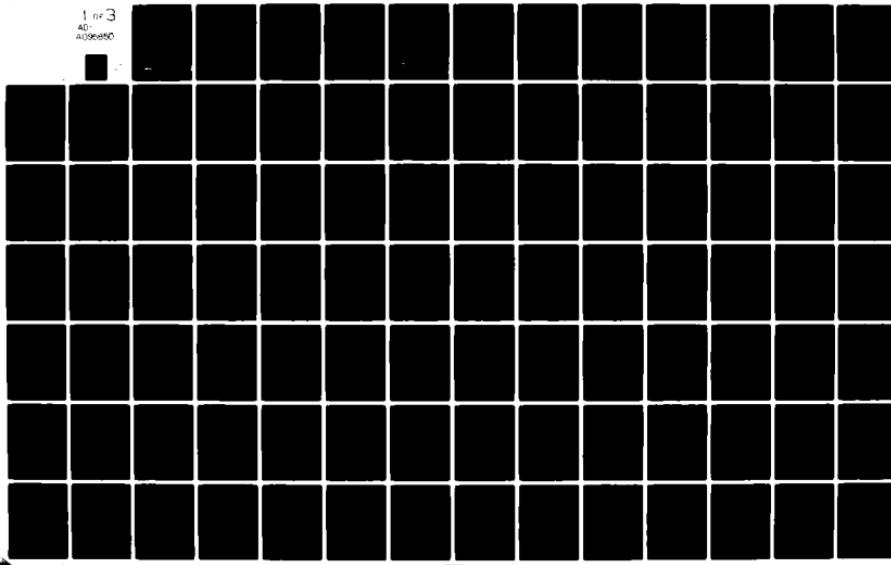


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1979 DOD SURVEY OF PERSONNEL ENTERING  
MILITARY SERVICE: WAVE 1 USER'S MANUAL  
AND CODEBOOK

Zahava D. Doering, David W. Grissmer  
and Jane S. Morse

November 1980

N-1605-MRAL

Prepared For

The Office of the Assistant Secretary of  
Defense/Manpower, Reserve Affairs and Logistics

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*This Report*

Describes the 1979 survey administered to enlistees at all 67 Armed Forces Entrance and Examination Stations (AFES) immediately after enlistees were sworn in. The survey was one of several interrelated collection efforts of the Rand-DoD Survey Group, a component of the Rand Manpower, Mobilization, and Readiness Program. The first four sections of the note describe the rationale of the survey, sample and administrative procedures, and data-processing procedures, especially those with analytic implications. Preliminary information about response rates is also included. The codebook sections reproduce each question in the two questionnaires used in the spring 1979 survey, together with every permissible response category. Variable-specific explanatory notes also appear. The files for this survey contain a total of 14,751 records, 7419 for Form 1 and 7332 for Form 2. (See also N-1606, N-1453, N-1165.) 227 pp. (Author)

## A RAND NOTE

1979 DOD SURVEY OF PERSONNEL ENTERING  
MILITARY SERVICE: WAVE 1 USER'S MANUAL  
AND CODEBOOK

Zahava D. Doering, David W. Grissmer  
and Jane S. Morse

November 1980

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Prepared For

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PREFACE

This note documents a study conducted under Task Orders 79-V-1 and 80-V-1 as part of the Rand Manpower, Mobilization, and Readiness Program, sponsored by the Office of the Assistant Secretary of Defense (Manpower, Reserve Affairs and Logistics)-- OASD(MRA&L).

With manpower issues assuming an ever greater importance in defense planning and budgeting, the Rand study program seeks to develop broad strategies and specific solutions for dealing with present and future defense manpower problems. The achievement of these goals requires the development of new methodologies for examining broad classes of manpower problems, as well as specific problem-oriented research. In addition to analyzing current and future manpower issues, this study program seeks to contribute to a better general understanding of the manpower problems confronting the Department of Defense.

The 1979 DoD Survey of Personnel Entering Military Service is one of several interrelated collection efforts of the Rand-DoD Survey Group, a component of the Rand Manpower, Mobilization, and Readiness Program. The survey group has designed and administered two other military life cycle surveys: the 1978 DoD Survey of Officers and Enlisted Personnel, which focused on the in-Service population, i.e. the men and women on active duty in the four Services,\* and the 1979 Reserve Force Surveys, which dealt with enlisted personnel and officers in the Army Reserve and Army National Guard.\*\* Future surveys may include other military populations, e.g., reservists in the Navy or Air Force, and other junctures in the military life cycle, e.g., separation decision.

The 1979 DoD Survey of Personnel Entering Military Service was administered to enlistees at the Armed Forces Entrance Examination Stations (AFEES) immediately after the enlistees were sworn in. Because of the large number of questions asked, and to account for certain

\*See: Zahava D. Doering, David W. Grissmer, Jennifer A. Hawes, William P. Hutzler, 1978 DoD Survey of Officers and Enlisted Personnel: Survey Design and Administrative Procedures, The Rand Corporation, N-1458-MRAL, April 1980, and W. P. Hutzler and Z. D. Doering, 1978 DoD Survey of Officers and Enlisted Personnel: Sample Design and Selection, N-1453-MRAL, February 1980.

\*\*See: Zahava D. Doering, Rand-Department of Defense Survey Research Program, Fiscal Years 1978-1979, N-1165-MRAL, December 1979.

possible differences among enlistees, the survey was administered in two phases, Wave 1 and Wave 2. This note provides the documentation for data collected in the 1979 DoD Survey of Personnel Entering Military Service: Wave 1. The basic reference document for users of the data, the note contains substantive and technical information about the survey and the data files required for planning tabulations and other analyses.

SUMMARY

This note provides documentation for data collected in the 1979 DoD Survey of Personnel Entering Military Service, one of several interrelated data collection efforts of the Rand-DoD Survey Group, a component of Rand's Manpower, Mobilization and Readiness Program. The survey group's objectives include the systematic examination of, and provision of policy-sensitive information about, the military life cycle. The military life cycle includes both reserve and active force enlistment decisions, experiences, career orientations, responses to policies that affect military members and their households, and decisions to leave the military.

The 1979 DoD Survey of Personnel Entering Military Service was administered to enlistees at the Armed Forces Entrance Examination Stations (AFEES) immediately after they were sworn in. The purpose of the survey, referred to as the 1979 AFEES Survey, was to provide the Office of the Secretary of Defense (OSD) and the military Services with data that can be used in policy formulation and research, especially in the areas of accession and first-term attrition of Active Force enlisted personnel. It is the only survey administered to personnel in all four Services at an identical point in their military career, i.e. immediately on enlistment.

The survey was designed to be administered in two questionnaire variants, one focused primarily on the enlistment process, the other on identifying possible predictors of attrition. Both variants contain a common set of items designed to collect background information about the individual. In addition, to study possible differences between individuals who enlist at different times of the year, the survey was administered in two phases, 6 calendar months apart. The first phase of the survey, Wave 1 (Forms 1 and 2), was administered in March-April 1979; the second phase, Wave 2 (Forms 3 and 4), was administered in September-October 1979. Data collection took place at all 67 AFEES stations.

SAMPLE DESIGN AND RESPONSE RATES

Most of the information collected in the 1979 AFEES Survey relates to the enlistment decision process and to the characteristics and experiences of the individual prior to enlistment. To take maximum advantage of the enlistees' recall of information, the questionnaires were administered as close to the enlistment decision point as possible and before they had military experience. These considerations, combined with a legal requirement prohibiting survey of individuals until after they have been sworn into the Armed Forces, led to a design that limited respondents to men and women without any prior military service who were Active Force accessions and who would be interviewed as soon as possible after the the enlistment decision point. In practical terms, this meant interviewing individuals who were going into the Delayed Entry Program (DEP) or who were being processed and sent directly to training.

To simplify administration and provide sufficient cases for analyses of various subgroups, e.g., Service, region, recruiting district, and educational group, the design called for interviewing 100 percent of the survey-eligible respondents during two designated 20-day periods. We estimated that 18,000 to 25,000 survey-eligible individuals would be processed during each of the 20-day periods. Since we planned to administer two somewhat different questionnaires simultaneously, the expected samples for each questionnaire were simply 50 percent of the survey-eligibles at each AFEES during the 20 days. The Wave 1 survey was actually conducted in the period between 18 March and 18 June 1979, depending on the AFEES station, and a total of 15,219 questionnaires were returned.

The instructions for sample selection were straightforward. Rand monitored the survey administration through periodic telephone calls to the AFEES. Preliminary indications suggest, nevertheless, that some AFEES did not always follow the instructions for collecting data and identifying respondents.

To verify the sample composition, the sampling criteria were applied to the U.S. Army Recruiting Command (USAREC) accession records for all individuals processed between March and June. A post hoc sample was then selected by using the actual survey administration dates for each AFEES. This sample of 26,452 individuals should include the

accession record of each individual who completed a questionnaire as well as of each who was survey-eligible but did not return a questionnaire.

Using information in the questionnaires, we tried to link the 15,219 questionnaires with the USAREC records. The linkage identified 468 questionnaires that were completed by ineligible individuals, and these were removed from the files. The response rate was 56 percent. If current analysis reveals no substantial differences between the characteristics of those who returned surveys and those who did not, the data can be used without weights or additional adjustments. If a bias is found, corrective measures will have to be taken.

#### CONTENTS OF THE DATA FILES

The 1979 AFEES Survey is composed of four questionnaires: Forms 1 and 2 administered in Wave 1 (spring), and Forms 3 and 4, administered in Wave 2 (fall). The questionnaire development process for the survey was guided by two major considerations: (1) relevance of the items to important policy issues relating to accession and first-term attrition and (2) accommodation of the research needs of as large a group of potential users as possible.

It became apparent in designing Wave 1 pretest questionnaires that even a minimum set of analytic requirements could not be met in one questionnaire. Such a questionnaire would have required well over an hour of each respondent's time. To decrease respondent burden, two questionnaires were designed, with many of the items included in both. In addition to the common set, items designed to collect detailed information about the enlistment process were clustered in Form 1. A group of items identified as possible predictors of attrition, together with items asked specifically of female enlistees, were clustered in Form 2. The Wave 2 questionnaires continued this broad substantive distinction between the two forms: Form 3, like Form 1, emphasized enlistment; Form 4, like Form 2, emphasized attrition and issues related to women.

DATA PROCESSING AND DATA LIMITATIONS

The questionnaires designed for this survey were self-administered forms suitable for subsequent processing by optical scanning. Most of the questions were followed by a set of preprinted responses. To answer the questions, the respondent was required to darken the "bubble" next to the response that best indicated his answer. Other items required the respondent to enter a multidigit number in a set of boxes by darkening bubbles to correspond to each digit. The optical scanner reads every mark the respondent makes in the prescribed places on the forms. The data files described in this note represent the data after they have been transformed from the exact responses read by an optical scanner to usable responses.

The optical scanning contractor, the Intran Corporation, was given detailed specifications for code assignment, handling of incomplete or illegible data, file formats, etc. Every attempt was made to ensure that the information on the tape would reflect all of the information provided by the respondent on the questionnaire, even where the respondent gave incomplete or extra data. Decision rules were provided for scanning responses to questionnaire items in which the respondent marked more than one answer but for which only one answer was required. Codes assigned to the optical scanning bubbles were chosen to be consistent with some of the major statistical packages currently being used by analysts. Finally, to the extent feasible, codes were selected to be consistent across items.

Intran returned the files containing the initial coding (scanning) to the Defense Manpower Data Center (DMDC). DMDC systematically processed the data files so that every response field of the survey record for every respondent contained either a well-defined response code or an audit code.

In the recoding, special attention was paid to grid responses that were either erroneously left-justified or that contained blanks. The raw marginal distributions for gridded items indicated that machine algorithms could not easily be developed for adjusting the data without extensive review of the errors; all such responses were assigned a

special audit code. Furthermore, upper and lower boundaries were also established and audit codes assigned to grid responses outside a plausible range.

The assumptions made about the handling of data in grids and extra data are as follows:

1. Incomplete grid entries do not appear on these files, i.e. they have been assigned audit codes. We assumed that data reconstruction, if possible, would not change the basic distributions of these continuous variables.
2. Ranges have been defined for continuous variables, i.e. responses in grids. The ranges for each variable are defined in Sections V and VI. A conservative approach was used in defining ranges; the range selected is slightly broader than the available information, and preliminary analysis indicates that it should be.
3. Multiple entries have been resolved in variables for which a definite criterion for selection could be established. Data resulting from such a resolution are identified by special flags, enabling analysts to eliminate information coded through this method.
4. Extra data resulting from skip pattern errors have been retained on the files. Possibly extraneous data provided by the respondent were not edited out by assigning them a "not applicable" code. The "not applicable" code was assigned only when the respondent left an item blank on the basis of an instruction.

The two last sections of the note reproduce the questions from Forms 1 and 2, together with all of the technical information required for using the data. Definitions of all the codes are included, as well as notes to aid in item interpretation.

ACKNOWLEDGMENTS

This note reflects the work and dedication of many individuals. We welcome the opportunity to acknowledge them here.

The director and staff members of the Accession and Retention Directorate, OASD(MRA&L)-Military Personnel Policy, provided much needed substantive guidance and administrative support for the conduct of this survey. A. J. Martin, the director, together with Fred Suffa and Eli Flyer, shared their many years of experience working with entrants into the military with us. James Ginter of Ohio State University, a consultant to the Directorate, provided information and ideas related to military advertising. Col. John Aldrich was our liaison with the Armed Forces Entrance Examination Stations (AFEES) for data collection.

Members of the Joint Market Analysis and Research Committee (JMARC) reviewed questionnaire drafts and offered many valuable suggestions. We would especially like to thank Ron Liveris. Special note should be made of the AFEES commanders who cooperated in the conduct of questionnaire pretests, arranged for informal discussions with enlistees, and were responsible for the actual data collection.

Several members of the Defense Manpower Data Center (DMDC) should be singled out. Kenneth C. Scheflen, chief, DMDC, solved many of the organizational and logistical problems of conducting the research. Zietta Ferris supervised all of the activities connected with the receipt and editing of questionnaires, ably assisted by Kathi Dozier, Mary T. Willis, and Geni Kabi. Elsie Elster provided keypunching support for both the questionnaire pretest and subsequent document control activities. Helen Hagan was responsible for all aspects of file manipulation and sample verification and wrote and implemented all of the software. In addition, her sound substantive and technical suggestions, combined with patience and humor, greatly simplified and improved the work. She was assisted in some phases of the processing by Gwen O'Neill, Jim Blackledge, and Ian Nelson.

We would like to mention the work of Dennis Dillon of the Intran Corporation, the optical scanning contractor responsible for the initial processing.

Our colleagues at The Rand Corporation shared their insights and experience with us in the development of the questionnaires and overall design of the survey. We would especially like to acknowledge the efforts of Cheryl Cook and Sue Berryman, whose work in issues related to women's role in the military played a major role in the questionnaire design. In the development of the questionnaires and administrative procedures, we relied heavily on and greatly profited from Jennifer Hawes's broad range of survey research experience. Deborah Hensler, William P. Hutzler, Robert L. Roll, and Jane Sachar provided helpful comments and suggestions in both the design phases of the survey and in reviewing the present document. Robert Crain's review of the final version of this note was especially useful.

As we began work on this document, we depended on the technical expertise and experience of Rand colleagues. Maureen David and Marie Sanchez were responsible for converting the optical scanning questionnaires into the printed forms in Section V and Section VI and for typing this note. The entering of code definitions, notes, and other technical information into the codebook was the responsibility of Sally Rich, who also cross-referenced the questionnaires and resolved a host of technical problems. The production of the codebook section was completed under the supervision of Diane Reingold in Rand's Survey Production Unit. Special note should be made of Debby Wesley, who carried much of the responsibility for producing Sections V and VI.

The authors are solely responsible for any errors or omissions that may remain.

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## I. INTRODUCTION

The 1979 DoD Survey of Personnel Entering Military Service is one of several interrelated data collection efforts of the Rand-DOD Survey Group, a component of the Rand Manpower, Mobilization, and Readiness Program. The survey group's objectives include the systematic examination of, and provision of policy-sensitive information about, the military life cycle. The military life cycle includes both reserve and active force enlistment decisions, experiences, career orientations, responses to policies that affect military members and their households, and decisions to leave the military.

The survey group has to date, designed and administered three military life cycle surveys:

- o The 1979 DoD Survey of Personnel Entering Military Service, administered to enlistees at the Armed Forces Entrance Examination Stations (AFEES) immediately after the enlistees were sworn in
- o The 1978 DoD Survey of Officers and Enlisted Personnel, which focused on the in-Service population, i.e. the men and women on active duty in the four Services
- o The 1979 Reserve Force Surveys, administered to enlisted personnel and officers in the Army Reserve and Army National Guard.

Future surveys may include other military populations, e.g., reservists in the Navy or Air Force, as well as other junctures in the military life cycle, e.g., separation decision.

The purpose of the 1979 DoD Survey of Personnel Entering Military Service, referred to as the 1979 AFEES Survey, is to provide the Office of the Secretary of Defense (OSD) and the military Services with data that can be used in policy formulation and research, especially in the areas of accession and first-term attrition of Active Force enlisted personnel. It is the only survey administered to personnel in all four Services at an identical point in their military career, i.e. immediately on enlistment. At the present time, it is the only vehicle for collecting detailed information about the characteristics of the men and women who enlist in the military and for providing extensive information about the events and motivations related to their enlistment.

Because the survey serves several purposes and asks a large number of questions, we decided to administer it in two questionnaire variants. In addition, to study possible differences among individuals who enlist at different times of the year, we administered the two survey questionnaires in two phases, 6 calendar months apart. The first phase of the survey, Wave 1 (Forms 1 and 2), was administered in March-April 1979; the second phase, Wave 2 (Forms 3 and 4), was administered in September-October 1979. Data collection took place at all 67 AFEES.

The data collected in this survey are documented in two Rand notes, each dealing with one wave of the data collection. This is the first note; a second note, N-1606-MRAL (forthcoming), by the same authors, describes Wave 2. A third note will describe the samples, compare the survey samples to the population from which they were selected, and analyze the response rates. It will also compare the characteristics of respondents who completed questionnaires to the characteristics of the military population eligible for the survey.

This note is the user's manual and codebook for the two Wave 1 questionnaires (Forms 1 and 2). It summarizes the sample design and selection procedures, provides preliminary information about response rates and general information about the survey questionnaires and their processing, and describes the data in detail. As the basic reference for all users of the data, this note contains information with which to interpret coded responses to each question and helps users plan tabulations or other kinds of analyses. In addition, it provides technical information about the structure of the data files, number of records, general format, etc.

Section II of this note summarizes the sample design and selection procedures and currently available information about response rates. Section III discusses the substantive contents of Forms 1 and 2.

Section IV describes the operations performed on the data between the time the questionnaires were returned from the field and the existence of the actual data files. The discussion of data recoding, editing, and the assignment of audit codes to response fields is significant in that some of the assumptions made in this process have

analytic implications. The section also explains the quality checks performed on the data and gives technical information about the structure of the data files, number of records, general format, etc.

Section V reproduces the questions from the Form 1 survey instrument and provides all of the technical information required for using the data. Definitions of all the codes are included, as are notes to aid in item interpretation. Section VI presents the same information for the Form 2 questionnaire.

The appendixes contain ancillary reference material to facilitate the understanding of the sample and the questionnaires. Appendix A lists the 67 AFEES, all of which participated in the survey, the dates on which data were collected, and the number of individuals who returned questionnaires. Appendix B lists each item in Form 1 in the same order as in the questionnaire reproduced in Section V, and, for each item, the number of the corresponding question on Forms 2, 3, and 4. This listing enables the user to find identical variables in other variants. Appendix C is an ordered listing of Form 2, with references to Forms 1, 3, and 4.

## II. SAMPLE DESIGN AND RESPONSE RATES

### SAMPLE DESIGN

The sample design of the 1979 AFEES Survey was based on similar approaches to earlier surveys conducted at the AFEES stations. In the past, stations had sometimes been assigned a quota of questionnaires to be administered, either a definite number or a number based on the number of individuals processed in a given period, and the selection of individuals had been left to the discretion of the survey administrators. Alternatively, AFEES stations had been asked to survey all of the individuals processed during a given time period. In general, the type of individual to be surveyed, e.g., males or females, or individuals with or without prior service had also been defined.

Most of the information collected in the 1979 AFEES Survey relates to the enlistment decision process and to the characteristics and experiences of the individual prior to enlistment (discussed in detail in Section III). To study the enlistment process completely, we would need a longitudinal survey design that would follow individuals from the time they made the initial gesture toward the Armed Forces, through all phases of recruiter contact, to the swearing-in ceremony. Data collected at the point at which the decision is clearest in the enlistee's mind, i.e. at the AFEES, may be used as a surrogate method of collecting some of the data needed to understand the process. In addition, the individual's recall of such experiences and events as employment history, contact with educational institutions, and the recruitment process is probably also at a maximum just prior to actual Service entry.

These considerations, combined with a regulation prohibiting surveys of individuals until after they have been sworn into the Armed Forces, led us to a design that limited respondents to men and women without any prior military service who were active force accessions and who would be interviewed as soon as possible after the enlistment decision had been made. In practical terms, this meant interviewing individuals who were going into the Delayed Entry Program (DEP) or who were being processed and sent directly to training without time in DEP, i.e., "direct ships."

The initial sample design called for administration of the questionnaire at a subgroup of AFEES in March and at another subgroup in September; the larger stations were to have been included in both samples. However, as we examined station characteristics and accession flows, it became clear that such subsamples would be difficult to select. The data with which to select a better sample, e.g., economic distribution of the eligible pool in each AFEES jurisdiction, was not available. Furthermore, such a sample design would not have allowed for the allocation of respondents to recruiting areas, a feature requested by the Joint Market Analysis and Research Committee (JMARC) and previously implemented in 1976. As a result, the survey was administered at all 67 stations, both in spring and fall.

To simplify administration and provide sufficient cases for analyses of various subgroups, e.g., Service, region, recruiting district, and educational group, the final design called for interviewing 100 percent of the survey-eligible respondents during a designated 20-day period. The size of the expected sample was estimated on the basis of Military Enlistment Processing Command (MEPCOM) files for March-April and September-October 1978. We assumed no major changes in the accession patterns of a particular time of the year from 1978 to 1979 and estimated that 18,000 to 25,000 survey-eligible individuals would be processed during each 20-day period. Since we planned to administer two somewhat different questionnaires simultaneously, the expected samples for each questionnaire were simply 50 percent of the survey-eligibles at each AFEES during the 20 days.

The calendar time for the survey administration was selected on the basis of several criteria. First, both conventional wisdom and statistics describing enlistees suggested that their backgrounds and the reasons for enlistment differed between spring and fall. Second, the spring data collection would coincide with several civilian studies of the youth population. Thus, statistical comparisons between the enlistee population and individuals not entering military service could be made.

Any sample design for a survey conducted at the AFEES is, of course, constrained in several ways. First, the number and type of individual who will be processed in a given period is not known. Second, the actual administration and sample selection is often the responsibility of individuals who do not understand the purpose of the study and are not sensitive to the need for accuracy in sample selection and record keeping. Finally, operational requirements of the AFEES often create conditions that are less than optimal for data collection. For these reasons, a sample that is well defined and easy to select is preferable to more sophisticated designs.

#### SAMPLE SELECTION PROCEDURES

The survey period was defined as 20 consecutive working days following the receipt of survey materials. The period was to include Saturdays if the AFEES was in operation. As can be seen from Table A, Appendix A, the survey was conducted between March and June, depending on the AFEES station.

Survey administrators were instructed to use the signed enlistment contracts to identify survey-eligible enlistees. As indicated above, an enlistee was survey-eligible if he or she:

- o Had no prior military Service (NPS)
- o Was joining the active force (Army, Navy, Air Force, or Marine Corps)
- o Was entering the Delayed Entry Program or
- o Was entering active duty on the day of the survey and had not been in a DEP.

The eligibility rules were defined in the administrative instructions. To check survey eligibility, Question 2 of each questionnaire asked:

## 2. Is this sentence TRUE or NOT TRUE for you?

Today is the FIRST TIME I have ever been sworn into the military.

- TRUE for me (Go to Q.3)
- NOT TRUE for me (SEE SPECIAL INSTRUCTIONS BELOW)

SPECIAL INSTRUCTIONS: IF YOU HAVE EVER BEEN SWORN INTO THE MILITARY BEFORE TODAY, PLEASE TELL THE SURVEY ADMINISTRATOR NOW. DO NOT CONTINUE THE SURVEY.

If a survey participant notified the survey administrator that he or she had been sworn in before the day of the survey, the enlistment contract was to be checked. If an enlistee was found ineligible to participate, he or she was not to have completed the questionnaire.

RESPONSE RATES

The instructions for sample selection were straightforward, and the cooperation of each AFEES in survey administration was encouraged both by the United States Army Recruiting Command (USARec) and the Services. USARec monitored the survey administration through periodic telephone calls to the AFEES. Preliminary indications suggest, nevertheless, that some AFEES did not always follow instructions for collecting data and identifying respondents.

As part of verifying the sample composition, the sampling criteria defined above were applied to the USARec accession files containing records for all individuals processed between March and June. A post hoc sample was then selected by using the actual survey administration dates shown for each AFEES in Table A. This sample of 26,452 individuals should include the accession record of each individual who completed a questionnaire, as well as of each who was survey-eligible but who did not return a questionnaire.

Using information in the questionnaires--primarily Service, SSN, AFEES code, and birthdate--we tried to link the 15,219 questionnaires from the spring administration to the USARec records. This linkage revealed a total of 466 survey records completed either by individuals who were definitely entering the Army Reserve (n = 442) or those with

prior military service (n = 26). These records were removed, leaving a total of 14,751 records in the files.

The files currently contain 174 records in which the respondent indicates that he or she had been sworn into the military prior to the survey day, but for which the USARtC record has not been identified. These individuals may, in fact, not be survey-eligible.

The size of the post hoc sample selected, 26,452 individuals, suggests that the response rate for the survey may be smaller than expected. Without adjustment for the AFEES that administered the survey for less than 20 days, the response rate is 56 percent. An analysis of survey bias is being undertaken to determine if substantial differences exist between the characteristics of those who returned surveys and the population eligible for the survey. If we find that definite bias does exist, adjustments in the form of weights will have to be developed.

### III. CONTENTS OF THE DATA FILES

#### DATA REQUIREMENTS

The 1979 AFees Survey, as indicated above, is composed of four questionnaires: Forms 1 and 2 administered in Wave 1 (spring), and Forms 3 and 4 administered in Wave 2 (fall.) The questionnaire development process for the survey was guided by two major considerations: (1) relevance of the items to important policy issues relating to accession and first-term attrition and (2) accommodation of the research needs of as large a group of potential users as possible.

The precise structure and contents of the questionnaires resulted from several interrelated activities. Suggestions and recommendations for content were solicited from all of the offices in MRA&L, the Services, and JMARC. Rand researchers working on issues of military manpower supply, accession policy, and the use of women also defined data requirements.

In addition, an extensive review of past AFees Survey questionnaires and reports published from the resultant data was undertaken. The purpose of the review was to determine if any continuity of subject areas and items existed across questionnaires and if any of the analysis used data that were collected in a similar manner at different times. The review concluded that significant differences in questionnaire structures, modes of administration, and samples existed between each of the previous AFees surveys. Strict continuity, therefore, was not an issue in designing the new survey. It became clear, however, that variables should be selected and items designed so that the data collection would allow for comparisons with existing civilian data bases. Specifically, comparisons should be possible with the U.S. Bureau of the Census Current Population Survey and the Department of Labor National Longitudinal Survey of Youth.

It became apparent in the process of designing Wave 1 pretest questionnaires that even a minimal set of analytic requirements could not be met in one questionnaire. Such a questionnaire would have required well over an hour of each respondent's time. To decrease respondent burden, two questionnaires were designed, with many of the

items included in both. In addition to the common set, items designed to collect detailed information about the enlistment process were clustered in Form 1. A group of items identified as possible predictors of attrition, together with items asked specifically of female recruits, were clustered in Form 2. The Wave 2 questionnaires continued this broad substantive distinction between the two forms: Form 3, like Form 1, emphasized enlistment; Form 4, like Form 2, emphasized attrition and issues related to women. Differences between the Wave 1 and Wave 2 questionnaires resulted from a decision to broaden the data base and substitute a small number of new items in Wave 2. In addition, experience with the Wave 1 questionnaires identified some technical problems that led to modification of the questionnaires before Wave 2.

#### STRUCTURE OF THE QUESTIONNAIRES

The questionnaires were similarly structured. The first section, Your Enlistment, collected basic information about the enlistment contract, including Service, length of enlistment, and entry level pay, together with the individual's assessment of the reasons that he or she enlisted. The second section, Facts About You, included the detailed information about the individual, including sex, race, Social Security number, and date and place of birth. The questionnaire also sought information about the composition of the enlistee's present household and his household when he was 14 years old. The section called Your Education included past and present school attendance, attainment levels, and self-reported grades. Form 1 identified participants in the Veteran's Educational Assistance Program (VEAP); Form 2 contained special items for non-high-school graduates.

The fourth section, Marriage and Children, included both present marital and family status and future plans. Section V, Working and Jobs, collected labor force participation information since age 16, together with details about the job currently or most recently held. Additional items in Form 2 asked the reasons for leaving jobs. Both forms included a labor force activity account for the preceding year in which the respondent was asked to report activities in terms of working full time, working part time, unemployed, or looking for work for each

month. Participation in government-sponsored training programs, such as CETA, was also ascertained.

The section called Your Income and Expenses was designed to assess economic maturity and experience. The enlistee was asked about income for the past 3 years, total value of savings and checking accounts, and receipt of allowances and rent payments. The respondent was asked to estimate earnings if he or she were not entering the military and to indicate a preference between military and civilian jobs at different wage rates.

Form 2 contained a special section, Your Family, designed to collect data about parents, brothers, and sisters, including experience in the military, educational attainment, occupations, family income, and welfare dependency.

The next section, Your Decision to Enlist, provided data about the decisionmaking process and the importance of various information sources within it. Special attention was paid to collecting information about the sequence of activities related to enlistment, such as the order of interaction with various recruiters and the date of initial contact. Form 1 contained an expanded enlistment-decision process section at the end of the questionnaire.

This expanded last section of Form 1 described enlistment options in each of the Services and asked the respondent to indicate preferences for programs in a Service other than the one that he or she was joining. The respondent was asked: "If only the [Service] had offered each item listed below, would you have joined the [Service] instead of the Service you joined today?"

The last section of Form 2, What's Your Opinion, included a short psychological battery, items to assess attachment to a geographical locale, and a projective assessment of satisfaction with military life. Items in the second part of the section, to be answered by women recruits, related to the choice of and preference for traditional or non-traditional jobs and the feelings of family and friends on the military job selected.

The above summary of the questionnaires follows the order of the questionnaires. Table 1 summarizes the questionnaire by substantive

content area. Not every item in the four questionnaires is included in this table; however, every content area is listed. In addition to the classification of items, the table indicates which of the four questionnaires contain the items.

The most complete listing of questionnaire contents appears in the appendixes. Appendix B lists each item in Form 1 in the same order as the questionnaire and, for each item, the numbers of the corresponding question on the other three questionnaires (Forms 2, 3, and 4). Appendix C is an ordered listing of Form 2, with references to Form 1, 3, and 4.

Table 1  
1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE:  
QUESTIONNAIRE CONTENTS

Form				Contents
1	2	3	4	
<u>Individual and Family Background</u>				
x	x	x	x	Sex
x	x	x	x	SSN
x	x	x	x	Race
		x		Physical condition
x	x	x	x	Date of Birth
x	x	x	x	State/country of birth
				Living Environment at Age 14
x	x	x	x	With whom living
x		x		Did mother work for pay
x		x		Parents marital status
				Respondent's Mother and Father
x		x		Age
x		x		Highest grade completed
x	x	x		Most recent occupation
x		x		Military history
				Respondent's Siblings
x	x	x		Total number
x		x		Number older than respondent
x		x		Number younger than respondent
x		x		Highest grade completed by oldest
x		x		Military history
				Residence
x	x	x	x	Current state/zip
x		x		Size of current place
	x			Number of places lived in
				Family Income
x	x	x	x	1978 total
x	x	x	x	Welfare dependency
x		x		Psychological battery
				<u>Marital History and Fertility</u>
x	x	x	x	Current household composition
x	x	x	x	Current marital status
x	x	x	x	Future marital plans
				Current Marriage
x	x	x	x	Duration
x		x		Highest grade completed by spouse
x	x	x	x	Military status of spouse

Table 1 (Continued)

1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE:  
QUESTIONNAIRE CONTENTS (Continued)

Form				Contents
1	2	3	4	
x	x			Number of dependents
x	x	x	x	Number of children
x	x		x	Number of children expected
				<u>Educational Background</u>
x	x	x	x	Date last enrolled
		x		Reasons for leaving high school
				Attainment
x	x	x	x	Minimum competency exam
x	x	x	x	Highest grade completed
x	x	x	x	Highest degree received
x	x	x	x	Self-reported grades
				Vocational, Technical or Business Schools
		x	x	Applications and acceptance
x	x	x	x	Attendance at and completion of
x	x	x	x	Graduation from
				College or University
		x	x	College board tests taken
		x	x	Applications and acceptance
				Extracurricular Activities
		x		Sports
		x		Social, other clubs
x	x	x	x	Highest Grade of School Desired
				<u>Labor Force Status and Experiences</u>
x	x	x	x	Part time or full time work
x	x	x	x	Numbers of employers
x	x	x	x	Reasons for leaving jobs
x	x	x		Unemployment Compensation
				Most Recent Job
x	x	x	x	Starting/ending dates
x	x	x	x	Hours worked/week
x	x	x	x	Earnings/hour
x	x	x	x	Occupation/industry
x	x	x	x	Monthly Labor-Force Status in 1978
x	x	x	x	Contact with Federal Job Programs
		x		Evaluation of Job Characteristics

Table 1 (Continued)

1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE:  
QUESTIONNAIRE CONTENTS (Continued)

Form				Contents
1	2	3	4	
<u>Assets and Expenses</u>				
<u>Savings</u>				
X	X			Allowance
X	X			Rent
X	X	X	X	Expenses paid
<u>Enlistment Characteristics</u>				
X	X		X	Reasons for delayed entry
X	X	X	X	Date of delayed entry
X	X	X	X	Service
X	X	X	X	Term of enlistment
X	X			Entry pay grade
X	X	X	X	Monthly basic pay
X		X		Enlistment bonus type/amount
<u>Enlistment Decision</u>				
<u>Selection</u>				
X	X	X	X	Preference among services
				Civilian Alternatives to Enlistment
X	X	X	X	Labor force options
X	X	X	X	Educational options
X	X	X		Date of final decision
X		X		Plans for VEAP participation
<u>Enlistment Process</u>				
X				Via toll-free numbers
X				Via coupons
<u>Recruiters Seen</u>				
X	X	X	X	Service
X	X	X	X	Date
X		X		Referral to others
<u>Service Options</u>				
X		X		Knowledge of options
X		X		Comparison of options
<u>Job Selection Process</u>				
X	X	X	X	Interaction with counselor
X	X	X	X	Reasons for job selection
		X		Comparison of job to civilian jobs
X	X	X	X	Satisfaction with job
X	X	X	X	Perceived attitudes of others toward enlistment
X	X	X	X	Projected satisfaction with military
		X		Women Only
		X		Perceived attitudes of others toward job choice
	X	X		Evaluations of women's roles

#### IV. DATA PROCESSING AND DATA LIMITATIONS

The questionnaires designed for this survey were self-administered forms suitable for subsequent processing by optical scanning. Most of the questions were followed by a set of printed responses. To answer the question, the respondent was required to darken the "bubble" next to the response that best indicated his answer. This response type is known as a precoded question. Other items required the respondent to enter a multidigit number in a set of boxes by darkening bubbles to correspond to each digit. This response type is known as a grid question. The optical scanner reads every mark the respondent makes in the prescribed places on the forms, either next to precoded items or in grids. The data files described here represent the data after they have been transformed from the exact responses read by an optical scanner to usable responses. The remainder of this section describes the data transformations, alerting the user to procedures that may have implications for subsequent data processing and analytic interpretation.

##### QUESTIONNAIRE RECEIPT AND EDITING

The procedure followed in the receipt and editing of the questionnaires at the Defense Manpower Data Center (DMDC) will be described in detail in a subsequent document, and recommendations will be made for changes for future DoD survey efforts. The basic outline of that procedure as it affects the actual processing of questionnaires is outlined below.

DMDC received questionnaires from the AFEES in boxes containing approximately 100 questionnaires. These shipments were to have been accompanied by a report form indicating the origin, size, and contents of the shipment.

In preparing questionnaires for optical scanning, DMDC personnel separated completed questionnaires from incomplete or blank forms and marked each form with an AFEES-specific identifier. DMDC personnel also calculated the administration time of each questionnaire, based on the

respondent's entry of time at the beginning and end of each questionnaire form, and entered the time on the form.

In addition to assignment of AFEES identifiers, the questionnaires were also carefully reviewed at this stage to make sure that they were scannable. This review included verifying that the questionnaires did not contain stray markings, that pencil markings were dark enough to be scanned, and that a few questionnaires which had been marked with ink or which contained torn or missing pages were identified. Inked questionnaires and other potentially unscannable questionnaires were subsequently remarked with scannable pencils.

Upon completion of editing, DMDC sent the questionnaires to the optical scanning contractor, the Intran Corporation, for the preparation of machine-readable data. To simplify processing for Intran, questionnaires were sorted by form number prior to shipping.

#### OPTICAL SCANNING SPECIFICATIONS

Intran was given detailed specifications for code assignment, handling of incomplete or illegible data, file formats, etc. In writing specifications for the optical-scanning contractor, several considerations were taken into account. First, every attempt was made to ensure that the information on the tape returned to DMDC would reflect all of the information provided by the respondent on the questionnaire. Thus, even in those cases where the information was incomplete, or extra data were provided, the specifications were designed to preserve data. For example, partial numeric entries were scanned instead of substituting an audit code for the whole entry.

Second, decision rules were provided for scanning responses to questionnaire items in which the respondent marked more than one answer but for which only one answer was required. Third, codes assigned to the optical-scanning bubbles were chosen to be consistent with some of the major statistical packages currently being used by analysts. Finally, to the extent feasible, codes were selected to be consistent across items; e.g., the same numeric code was assigned to all "don't know" response options.

Although a general set of specifications was developed to apply to all of the questionnaires, each questionnaire also required its own set of item-specific optical-scanning specifications. (The precise technical specifications can be obtained by writing to the Chief, Survey Branch, Defense Manpower Data Center, 300 North Washington Street, Alexandria, Virginia 22314.)

Before DMDC's processing is described, several aspects of the optical-scan processing of blank data and extra data and of information in grids require further explanation.

The returned questionnaires contained many instances of items that had been left blank. In processing, a distinction was made between items that had have been left blank because the respondent had been instructed to skip them and items that had been left blank as the result of respondent error. In the former case, the optical-scanning contractor was instructed to leave a blank field on the record. In the latter case, an audit code for missing data (-1) was entered. This distinction is necessary because the optical scanning process is set up to scan only one data field at a time; i.e. the machine is not normally programmed to check relationships between data fields and determine whether or not an item should have been skipped by a specific respondent. Leaving blank the data fields that could be part of a skip pattern simplified subsequent processing at DMDC. Software was written at DMDC to check item interrelationships and to change those blanks either to codes indicating that the item did not apply to the respondent or, if the respondent should have answered the item, to a missing value code (-1).

Extra data were of two kinds. First, a respondent may have answered an item which, in fact, he should have left blank, i.e. an item that he had been instructed to skip. Second, a respondent may have marked more than one response to an item that called for only one response. The extra data of the first kind were simply left on the tape. In the second situation, Intran was given item-specific rules either for an audit code or selection among multiple entries. An audit code was used for all items for which it was impossible to develop an algorithm for selecting from among the two or more coded answers. If a logical determination of the correct response could be made, Intran was

provided with rules for resolving the multiple entry. For example, in items asking for educational attainment, respondents often marked the bubbles next to both "8th grade" and "12th grade." Examination of the layout of the educational attainment items on the optical-scanning form clarifies why this mistake could be made (see, Form 1 questions 32 and 33). We assumed that the respondent intended to show completion of both elementary and high school, and therefore we coded a value of "12" on the data files. If the selection rule was used, a flag was set to enable the analyst to distinguish between "pure" cases of 12th grade marked by the respondent and those resulting from the resolution of a multiple entry. For each questionnaire, an extra set of variables was created and appended to the end of the file; each extra variable was associated with a questionnaire item for which additional instructions had been provided.

Information in grids also presented special problems in optical scanning. Apart from errors the respondent may have made in entering information in the boxes, several types of errors resulted in marking the matching bubbles. First, although the instructions asked the respondent to "zero-fill" and "right-justify," some respondents entered the value properly in the boxes (right-justified), but failed to zero-fill the bubbles corresponding to the response. Second, some respondents entered the value in the boxes and marked the bubbles from the left. Finally, some respondents entered the values properly in the boxes but forgot to darken some or all of the corresponding bubbles. Except for zero-filled right-justified entries, data in grids were scanned as marked by the respondent without special adjustments. Subsequent handling of these grids by DMDC is outlined in the next section.

#### RECODING AND AUDIT CODES

Intran returned the automated files to DMDC. The automated files contained the codes specified for each item in the questionnaire, together with the extra variables indicating that rules for resolving multiple entries had been used. These are unrecoded files, representing only the initial coding (scanning) of the data. Before any additional

processing was undertaken, DMDC checked the unrecoded files as received from Intran to verify that the expected code values were present in each data field.

DMDC next systematically processed the data files so that every response field of the survey record for every respondent contained either a well-defined response code or an audit code. Since the optical-scanning process cannot distinguish between responses that have been correctly left blank by a respondent, i.e. are part of a skip pattern, and those that have been missed, i.e. left blank in error, software was developed to check each blank field on each survey record and to assign either an audit code of -1 (missing data) or to replace the blank with an appropriate value referring to a specific "not applicable" definition. For example, blank fields in the item requesting spouse's education would either be recoded with an audit value of -1 (missing) if the programmed algorithm checked marital status and found the respondent married, indicating that the question should have been answered, or a value of -3 (not applicable) if the algorithm found that the respondent was single, indicating that the item was appropriately skipped.

Several aspects of the recoding should be emphasized. First, in many instances, the respondent was asked to answer a question by marking more than one response category ("Mark all that apply"). In scanning the questionnaires, Intran treated each response category as a separate variable. The contractor left a response category blank if it was unmarked, since the scanner could not tell if the respondent meant to leave that particular response blank and mark another in the series or if the respondent left all of the response categories in the series blank. In those instances, the function of recoding was to treat the series of responses as an interrelated series and to assign values of "not marked" to blank response categories.

Second, the questionnaires contained instances in which a particular item was appropriately skipped by more than one group of respondents. Whenever possible, separate codes were assigned to the different "not applicable" categories in the recoding.

Third, to some extent, recoding was used to create new variables that would more clearly distinguish a special category of respondents or responses which might simplify subsequent analyses.

None of the recoding, however, changed any of the data provided by the respondent; only blanks were recoded. In other words, recoding was not used as a process of modifying the data base by either eliminating extra data or by making assumptions about what "correct" responses should be. We give two examples below:

1. A number of respondents who gave their marital status as divorced nevertheless provided information about "wife's education." According to the instructions, respondents who "are not married now" should have skipped these items. In recoding the file, blank values in "wife's education" were checked against marital status and either a "missing" or "not applicable" code assigned. However, filled in values for the "wife's education" variable provided by individuals for whom the question should have been "not applicable," e.g., divorced, were left in the file. Analysts can either assume that marital status is correct and recode "wife's education" further or select a subgroup for analysis, e.g., only "married" or "separated" individuals in this example, and the extra data will automatically be eliminated from the tabulations.
2. A number of respondents who indicated that they "did not" sign up for a job that paid a bonus nevertheless provided a "bonus amount." In recoding the file, blank values in "bonus amount" were checked against the item indicating whether or not a bonus was received. If the respondent indicated that a bonus was received, an audit code of -1 (missing) was assigned. If the respondent indicated that a bonus was not received, a "not applicable" code was assigned. Discrepant cases, however, were not recoded. The analyst will have to decide, in this example, whether to accept the bonus amount and assume that the indication of whether or not a bonus was received is in error or whether to select for analysis only individuals who indicated receiving a bonus.

In the recoding, special attention was paid to grid responses that were either erroneously left-justified or contained imbedded blanks. The raw marginal distributions for gridded items indicated that machine algorithms could not easily be developed for adjusting the data without extensive, almost case-by-case, review of the errors. Even if a pattern of error could be detected which would allow for algorithmic adjustment, users might raise objections to the recoding assumptions. As a result, in the recoding, all such responses have been assigned an audit code (-4) defined as "incomplete data provided by the respondent." As the subsequent discussion indicates, only about 10 percent of the questionnaires contained one error of this type; therefore its overall magnitude does not appear serious.

The review of marginals for grid response items also indicated that some responses that were technically accurate were, in fact, substantively highly unlikely. More specifically, the responses were outside of a plausible range of responses. For example, the grid associated with the year of birth item allows for entry of numbers between 00-69. References such as 18 or 69 are technically correct but outside a plausible range. In processing, upper and lower boundaries were established for all such items and an audit code (-4) assigned to out-of-range values.

DMDC has, however, maintained auxiliary tapes in which the incomplete and out-of-range entries are present, i.e. tapes in which audit code values of -4 have not been assigned. If a user has the resources to undertake data reconstruction for items with imbedded blanks or wants to expand the ranges for items, DMDC can make such auxiliary files available. Obviously, if reconstruction were successfully completed by any user for any variable, the results would be made available to all known users.

#### ANALYTIC IMPLICATIONS OF DATA PROCESSING PROCEDURES

As indicated above, the data processing procedures included assumptions about the handling of data in grids and extra data. Here we summarize the assumptions and processing decisions and offer suggestions to data users.

1. Incomplete grid entries do not appear on these files; they have been assigned audit codes. We assumed that data reconstruction, if possible, would not change the basic distributions of these continuous variables. As indicated above, the incomplete data are available from DMDC for review and reconstruction attempts.
2. Ranges have been defined for continuous variables, i.e. responses in grids. The ranges for each variable, defined in Sections V and VI, have been selected on the basis of either information, e.g., birthdate of enlistee, or judgement. A conservative approach was used in defining ranges; the range selected is slightly broader than the available information, and preliminary analysis indicate that it should be. The data are available from DMDC for the user who wishes to expand the ranges even further.
3. Multiple entries have been resolved in variables for which a definite criterion for selection could be established. Data resulting from such a resolution are identified by special flags, enabling analysts to eliminate information coded through this method.
4. Extra data resulting from skip pattern errors have been retained on the files. Possibly extraneous data provided by the respondent were not edited out by assigning them a "not applicable" code. The "not applicable" code was assigned only when the respondent left an item blank on the basis of an instruction.

The user will have to judge the possible impact of extra data on each analysis. In some cases, the elimination of such data may be straightforward; in other cases, problematic. For example, some individuals who coded marital status as "single, never married" nevertheless provided information about a spouse. An analyst may want to assume that marital status was correct and delete the information about a spouse by analyzing "marital status." The decision to

eliminate data is more ambiguous and therefore more difficult to make in situations where both the criterion variable, e.g., type of bonus, and the subsequent question, amount of bonus, contradict each other.

To aid the user in identifying sets of questions that are part of legitimate skip patterns, special notations have been included in Sections V and VI. The notation "QUESTION XX IS NOT ANSWERED BY ALL RESPONDENTS" appears above such items, followed by a reference to an earlier item or an explanation of respondent categories that should have answered the items. Also included with each question in Sections V and VI are the exact skip instructions printed on the questionnaire instructing respondents to leave certain questions unanswered.

#### QUALITY CHECKS AND INDICATORS

Survey research is always subject to some degree of respondent error, some unintentional and some deliberate. Unintentional errors may result from misunderstanding an item. For example, a widowed respondent might answer items about the spouse, even though the item instruction is for "married now" persons. Unintentional errors can also occur in recording a response, e.g., in left-justification in a grid or by marking a bubble across from a response category other than the one intended. These unintentional errors may result from technical problems with the questionnaire which were not adequately solved prior to survey administration, or from a range of factors related to the respondent (e.g., the respondent may have been interrupted or distracted while completing the questionnaire).

Respondent error may also arise through deliberate questionnaire mismarking on the part of the respondent. An individual who is annoyed or inconvenienced by the survey has the option of refusing to participate. However, it is also possible to find a respondent who answers randomly without reading items or who deliberately chooses to make false responses. Another example, though less extreme, is the respondent who cooperates in the beginning of the survey but either loses interest or motivation and, therefore, either finishes with random responses or simply does not complete sections of the questionnaire.

Several analyses to assess the effect of respondent errors on the overall quality of the data are currently under way. These analyses will be reported in a separate document. Several preliminary steps in the analyses are described below, and information is given to aid data users in determining the quality of the data.

One approach to determining data quality is to examine the extent to which audit codes for missing, uncodable, incomplete, or out-of-range data were assigned. Although different items vary in complexity for the respondents, for the present purpose one can assume that a gross count of these codes, by Form, can be of use in assessing quality. Table 2 contains a distribution of the number of questionnaires by the number of missing or uncodable data codes (-1). The data in the table are not directly comparable across both Forms, since the number of possible missing or uncodable codes varies. Although each Form contained more than 200 data elements which could have been coded as missing or uncodable by each respondent, examination of Table 2 shows that for both Forms, approximately 75 percent of the questionnaires contained less than 10 percent missing data, i.e. less than 25 audit codes per questionnaire. In addition, the number of respondents who returned questionnaires with substantial data gaps, i.e. more than 126 audit codes, is quite small. These cases, however, are currently on the data files. Before such cases can be eliminated, it is important to establish whether their exclusion would bias the data in any definite ways. For the present, we assume that each analyst will make independent decisions about elimination of incomplete cases. Another way to assess data quality is to examine the distribution of questionnaires by the number of variables with incomplete or out-of-range data codes (-4), as shown in Table 3. The data in Table 3 indicate that grid entries, when made, were not a serious problem in these questionnaires.

As part of our work, we have written a series of "quality checks" for each Form to check each respondent's record for data inconsistencies and the presence of information in certain critical variables (e.g., sex, Service). As indicated above, the data tapes have not been edited to eliminate inconsistencies or extra data, and audit codes exist where applicable. The quality checks, therefore, can provide a measure of

Table 2  
DISTRIBUTION OF QUESTIONNAIRES BY NUMBER OF VARIABLES  
WITH MISSING OR UNCODABLE DATA (-1)\*

Number of -1 Data Codes per Questionnaire	Form 1 Questionnaires		Form 2 Questionnaires	
	Number	Percent	Number	Percent
None	1016	13.7	531	7.2
1	683	9.2	455	6.2
2	429	5.8	271	3.7
3	320	4.3	222	3.0
4	205	2.8	142	1.9
5	302	4.1	107	1.5
6-10	995	13.4	305	4.2
11-15	702	9.5	1918	26.2
16-20	529	7.1	813	11.1
21-25	380	5.1	458	6.3
26-30	271	3.7	459	6.3
31-50	618	8.3	682	9.3
51-75	218	2.9	340	4.6
76-100	180	2.4	189	2.6
101-125	159	2.1	134	1.8
126-150	129	1.7	108	1.5
151-175	97	1.3	66	0.9
176-200	87	1.2	88	1.2
200+	99	1.3	44	0.6
Total	7419	99.9	7332	100.1

\*The maximum number of missing or uncodable data codes which could have been assigned to Form 1 = 242 and Form 2 = 220.

quality of the data files. An error detected by a quality check indicates that:

1. Data do not meet an interitem consistency check
2. Data do not meet a specification for a legitimate range or
3. Data are either missing or uncodable (-1) or marked so that a value cannot be determined (-4).

Table 4 shows the frequency distribution of questionnaires by the total number of errors detected by the quality checks for each of the Forms. An examination of the data indicates that at least 90 percent of the respondents followed the instructions in the questionnaires and provided usable data. The quality check variables are not on the data files. Items involved in quality checks are, however, identified in

Table 3

## DISTRIBUTION OF QUESTIONNAIRES BY NUMBER OF VARIABLES WITH INCOMPLETE OR OUT-OF-RANGE DATA CODES (-4)\*

Number of Incomplete or Out-of-Range Data Codes/Questionnaire	Form 1 Questionnaires		Form 2 Questionnaires	
	Number	Percent	Number	Percent
None	5988	80.7	5735	78.2
1	1214	16.4	1284	17.5
2	189	2.5	251	3.4
3	24	0.3	51	0.7
4	4	0.1	10	0.1
5			1	0.0
Total	7419	100.0	7332	100.0

\*The maximum number of incomplete or out-of-range data codes which could have been assigned to Form 1 = 9 and to Form 2 = 11.

Sections V and VI; e.g., Q3 shows a notation of F3, indicating that a check involving the item was written.

While examination of each of these tables certainly indicates that the data are usable, additional analysis is required before definite statements can be made about the inclusion or exclusion of specific cases. It is entirely likely, for example, that elimination of cases with multiple errors on the quality checks will also eliminate the extreme cases on the distributions of missing, uncodable, or incomplete data codes. As indicated above, all of the scanned records for each questionnaire Form are included in the data files, except those excluded because the respondent was ineligible.

#### FILE STRUCTURE

The data files for the four questionnaires are organized identically. The first few variables on each record contain identifiers included as part of the processing. These are a Form number (XV1) and a questionnaire identification number (XV2). The data from the actual questionnaires follow, in questionnaire item order. The calculated minutes for completion and the AFEES codes follow. Finally, the flags set as part of resolving multiple entries appear. Table 5 below summarizes the general structure.

Table 4  
DISTRIBUTION OF QUESTIONNAIRES BY NUMBER  
OF QUALITY CHECK ERRORS\*

Number of Quality Check Errors per Questionnaire	Form 1 Questionnaires		Form 2 Questionnaires	
	Number	Percent	Number	Percent
None	1480	19.9	539	7.4
1	1945	26.2	1780	24.3
2	1593	21.5	1574	21.5
3	799	10.8	1025	14.0
4	471	6.3	664	9.1
5	323	4.4	397	5.4
6	178	2.4	304	4.1
7	102	1.4	186	2.5
8	66	0.9	169	2.3
9	46	0.6	123	1.7
10	66	0.9	82	1.1
11-12	81	1.1	127	1.7
13-14	83	1.1	100	1.4
15-16	50	0.7	64	0.9
17-18	24	0.3	63	0.8
19-20	52	0.7	61	0.8
21-25	60	0.8	74	1.0
Total	7419	100.0	7332	100.0

\*The maximum number of quality check errors which could have been assigned to each form is 29.

Table 5  
STRUCTURE OF AFEES SURVEY FILES

Contents	Variable Names			
	Form 1	Form 2	Form 3	Form 4
Form Code Processing	XV1	XV1	XV1	XV1
Number	XV2	XV2	XV2	XV2
Survey Data	QB1-Q84	QB1-Q102	Q1A-Q109	Q1A-Q105
Minutes for Completion	XV4	XV4	XV4	XV3
AFEES Codes	XV5	XV5	XV5	XV4
Data Resolution Flags	XV6-20	XV6-20	XV6-19	XV5-18

V. ITEM-BY-ITEM SPECIFICATIONS FOR 1979 DOD SURVEY OF PERSONNEL  
ENTERING MILITARY SERVICE: FORM 1

This section contains the detailed information necessary for using specific variables from this questionnaire for analysis. Each question from the survey instrument is reproduced as it appears on the printed questionnaire, modified somewhat from the optical scanning forms which were used in the actual data collection. Optical scanning questionnaires use two basic formats, one for items in which all the response categories are pre-printed and one for items which require the respondent to enter a multi-digit numeric response. For those items on the optical scanning forms where a response is indicated by darkening a "scan bubble" next to one or more pre-printed categories, we have replaced the scan bubbles in this section with the actual numeric code assigned to the responses as part of data processing. For those items on the optical scanning form which required the respondent to record a numeric response by entering numbers in boxes and darkening the corresponding numbers in a pre-printed optical scanning grid, we have shown just the number of boxes provided for the response. The numeric range of the scan grid is defined in the CODES section explained below.

As a visual aid, each question is enclosed in a box. As indicated in an earlier section, every question in the survey was not answered by all respondents. Instead, some items contain specific skip instructions. To aid the user in identifying items or sets of items which are part of legitimate skip patterns, a notation appears above items which should have been skipped. The notation "NOTE: QUESTION XX IS SKIPPED BY SOME RESPONDENTS, REFER TO QUESTION XY FOR SKIP INSTRUCTION" is generally used. In some instances, a special note appears before a whole section, e.g., before IV. MARRIAGE AND CHILDREN. In addition to these notations, the boxed questions contain the exact skip instructions which were printed on the questionnaire.

Immediately below each boxed question are several items of technical information required for using the data. The first, item

labeled VARIABLE NAME, gives the name assigned to each variable for processing purposes. In establishing names, the questionnaire item number has been retained as much as possible with the letter "Q" used as a prefix. However, several additional conventions have been established.

- o All lower-case alpha characters have been changed to upper-case alpha characters.
- o Unnumbered sub-items of a questionnaire item have been assigned the numeric question number followed by an upper-case alpha character, e.g., Form 1, Q80 is named Q80A - Q80E.
- o Unnumbered sub-items within an alphabetic sub-item are assigned the numeric question number followed by an upper-case alpha character and followed by a sequential number, for example, Form 1, Q29B1 - Q29B10.
- o Variables which are completely unnumbered on the printed questionnaires or variables added in the course of optical scanning are assigned an XV (extra variable) series; i.e., the Questionnaire Form Code becomes XV1, the Questionnaire Identification Number becomes XV2, etc.

The conventions used for naming variables are also used in naming the quality checks or flags appended to the data. However, a flag name is preceded by the letter "F" instead of "Q," e.g., F3.

A second item, FLAG, gives the variable name assigned to the quality check associated with the variable. For all variables which do not have an associated quality check, the FLAG entry does not appear. The next item, TAPE POSITION, indicates the location of the data on the tape.

The next item, CODES, contains a complete listing of all code values assigned to the variable. The response values listed under the CODES column are more complete than those previously listed as part of the boxed question item. The CODES section also defines the AUDIT CODES which have been assigned to each variable as part of the recoding process; i.e., the various "not applicable" responses or

missing value codes assigned during the RECODING are explained. In the case of items which required a multi-digit numeric response, the allowable range of values is defined.

Finally, the section below each question may contain special notes to the user. These NOTES provide additional information on the interpretation of the data and alert the user to special procedures which may have been followed in preparing the data for a specific variable.

DoD-MRAL Emblem

RCS #DD-M(SA)-1516  
FORM 1DEPARTMENT OF DEFENSE  
1979 SURVEY OF PERSONNEL ENTERING MILITARY SERVICE

The Department of Defense is conducting a survey of people entering military service. You have been selected to participate in this important survey. Please read the instructions below before you begin the questionnaire.

## Note:

Public Law 93-573, called the Privacy Act of 1974, requires that you be informed of the purposes and uses to be made of the information that is collected.

- o The Department of Defense may collect the information requested in the DoD Survey of Personnel Entering Military Service under the authority of 10 United States Code 136.
- o Providing information in this questionnaire is voluntary. Failure to respond to any particular questions will not result in any penalty for the respondent.
- o The information collected in the survey will be used to evaluate and improve military personnel and recruiting policies.
- o The information will be used for research and analysis purposes only. The Rand Corporation under contract to the Assistant Secretary of Defense - Manpower, Reserve Affairs and Logistics (OASD-MRA+L), has primary research and analysis responsibility.

Note: This page and the following page are reproductions of the Cover Page and Instructions provided to all respondents as part of the questionnaire.

## HOW TO FILL OUT THIS SURVEY

- I. Use a NO. 2 PENCIL.
- II. Read each question carefully. Make a HEAVY BLACK MARK that FILLS THE CIRCLE next to your answer.
- III. If the question asks for a DATE, mark the MONTH AND YEAR.

EXAMPLE: When did you first talk to this recruiter? Mark the Month and Year. If you talked to this recruiter in APRIL 1978, you would mark your answer as shown below.

-----MONTH----- YEAR-----

( ) January	( ) July	( ) 1979	( ) 1973
( ) February	( ) August	( ) 1978	( ) 1972
( ) March	( ) September	( ) 1977	( ) 1971
( ) April	( ) October	( ) 1976	( ) 1970 or before
( ) May	( ) November	( ) 1975	
( ) June	( ) December	( ) 1974	

- IV. If the question asks for a NUMBER, you should do THREE THINGS:
  - o Write the numbers in the BOXES, making sure that the LAST NUMBER is always placed in the RIGHT-HAND BOX.
  - o FILL in the UNUSED BOXES with ZEROS.
  - o Mark the MATCHING CIRCLE BELOW EACH BOX.

EXAMPLE: About how much did you earn per hour at your last job? Suppose you earned \$ 2.50 per hour. You would enter the number as shown below.

DOLLARS	CENTS
\$ 02	. 50
00	00
11	11
22	22
....ETC.	

- V. Some questions also contain instructions about what to do next. The instruction depends on the answer you mark.

Q.46. Since you were 16 years old, have you ever had a full time or part time job?

( ) Yes - ANSWER Q. 47-53  
 ( ) No - GO TO Q.54

EXAMPLE: Suppose you have never had a full time or part time job. You would mark your answer as shown, then GO TO Q.54. This instruction tells you that you should leave Qs.47-53 BLANK, and start answering again at Q.54. In many of these questions, arrows will point to the next question you should answer.

I. YOUR ENLISTMENT

## Extra Variable

XV1 Questionnaire Form Code

Variable Name: XV1

Tape Position: 1

Codes: 1 Form 1

Note: A variant code was assigned to each questionnaire during the processing.

## Extra Variable

XV2 Questionnaire Processing Number

Variable Name: XV2

Tape Position: 2-7

Codes: 000001 ~ 999999 Sequential number

Note: A unique questionnaire number was assigned during the processing.

A What time is it now?

TIME: \_\_\_\_\_

Notes: Variable XV3 does not appear on the data files.  
Information not coded, used in calculation of XV4, tape positions 521-522.

## B What is today's date?

## MONTH

## DAY

January.....	01
February.....	02
March.....	03
April.....	04
May.....	05
June.....	06
July.....	07
August.....	08
September.....	09
October.....	10
November.....	11
December.....	12

--	--

Variable Name: QB1(Month) Flag: FB1 Tape Position: 8-9

Codes: 01-12 January-December  
-1 Missing or UncodableNotes: If more than one month marked, highest number selected.  
If highest selected, XV6=1, tape position 525. Wave 1  
was administered April-June, depending on the AFEES.

Variable Name: QB2(Day) Tape Position: 10-11

Codes: 01-31 Day of Month  
-1 Missing or Uncodable  
-4 Incomplete or out-of-range data entered by R

1 Which service are you enlisting in today?

Mark One

Army.....1  
Navy.....2  
Air Force.....3  
Marines.....4

Variable Name: Q1

Flag: F1

Tape Position: 12-13

Code: 01-04 As Above

-1 Missing or Uncodable

2 Is this sentence TRUE or NOT TRUE for you?

Today is the FIRST TIME I have ever been sworn into the military.  
(Mark One)

TRUE for me.....1 (GO TO Q.3)

NOT TRUE for me.....0 (SEE SPECIAL INSTRUCTIONS BELOW)

SPECIAL INSTRUCTIONS: IF YOU HAVE EVER BEEN SWORN INTO THE  
MILITARY BEFORE TODAY, PLEASE TELL THE SURVEY ADMINISTRATOR NOW.  
DO NOT CONTINUE THE SURVEY.

Variable Name: Q2

Flag: F2

Tape Position: 14-15

Codes: 01 True For Me, First Swearing In  
00 Not True For Me, Not First Swearing In  
-1 Missing or Uncodable

Note: Rs who marked Code 01 may not be eligible for  
survey. See discussion of sample.

3 Are you shipping out TODAY?

Mark One

Yes.....1 (GO TO Q. 4)  
No.....0 (ANSWER A&B)

Variable Name: Q3 Flag: F3 Tape Position: 16-17

Codes: 01 Yes  
00 No  
-1 Missing or UncodableNOTE: QUESTIONS 3A AND 3B ARE SKIPPED BY SOME RESPONDENTS.  
REFER TO QUESTION 3 FOR SKIP INSTRUCTION.

A When will you enter active duty (ship out)?

MONTH DAY YEAR

January.....	01	<input type="checkbox"/>	1979..... 79
February.....	02	<input type="checkbox"/>	1980..... 80
March.....	03		
April.....	04		
May.....	05		
June.....	06		
July.....	07		
August.....	08		
September.....	09		
October.....	10		
November.....	11		
December.....	12		

Variable Name: Q3A1 (Month) Tape Position: 18-19

Codes: 01-12 January-December  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., shipping out today.Note: If more than one month marked, highest number selected.  
If highest selected, XV7=1, tape position 526.

Variable Name: Q3A2 (Day) Tape Position: 20-21

Codes: 01-31 Day of Month  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., shipping out today  
-4 Incomplete or out-of-range data entered by R

Variable Name: Q3A3 (Year)

Tape Position: 22-23

Codes: 79 1979  
80 1980  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., shipping out today.

B What is the main reason you are waiting to enter active duty?

Mark One

I want to finish school.....1  
I want to keep working until that time.....2  
The job or location I wanted is not  
available until that time.....3  
I need time to take care of business and  
personal affairs.....4  
I want to take some time off before I  
go into the military.....5  
I am waiting for military transportation....6

Variable Name: Q3B

Tape Position: 24-25

Codes: 01-06 As Above  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., shipping out today

4 How many years of active duty have you signed up for?  
Mark number below.

1 year or less.....	01
2 years.....	02
3 years.....	03
4 years.....	04
5 years.....	05
6 years.....	06
7 years.....	07
8 years.....	08

Variable Name: Q4

Tape Position: 26-27

Codes: 01-08 Years, As Above  
-1 Missing or Uncodable

Note: Rs who marked code 01 may not be eligible for survey.  
See discussion of sample

NOTE: QUESTION 5 IS SKIPPED BY SOME RESPONDENTS. SEE SKIP  
INSTRUCTION BEFORE QUESTION 5.

\*\*\* IF YOU HAVE SIGNED UP FOR TWO YEARS, ANSWER Q.5 \*\*\*

IF YOU HAVE SIGNED UP FOR MORE THAN TWO YEARS, GO TO Q.6.

5 If your service did not offer a two year enlistment, what would  
you have done?

Mark One

Not enlisted at all.....	1
Joined my service anyway.....	2
Joined a different service:	

(Mark One Below)

Army.....	3
Navy.....	4
Air Force.....	5
Marines.....	6

Variable Name: Q5

Tape Position: 28-29

Codes: 01-06 As Above  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., signed up for more than two  
years

6 What is the total length of your military obligation, including any Reserve or National Guard obligation? Mark the number below.

1 year or less.....	01	5 years.....	05
2 years.....	02	6 years.....	06
3 years.....	03	7 years.....	07
4 years.....	04	8 years.....	08

I don't know..... -8

Variable Name: Q6

Tape Position: 30-31

Codes: 01-08 Years, As Above  
 -8 Don't Know  
 -1 Missing or Uncodable

Note: R's who marked 01 may not be eligible for survey,  
 see Introduction.

7 WHEN I ENTER ACTIVE DUTY, my pay grade will be:

Mark One Below.

ENLISTED GRADES: E1 E2 E3 E4 E5

OFFICER GRADES: 01 02 03 04

I don't know..... -8

Variable Name: Q7

Tape Position: 32-33

Codes: 01-05 E1-E5  
 11 01  
 12 02  
 13 03  
 14 04  
 -8 Don't Know  
 -1 Missing or Uncodable

8 AFTER ONE YEAR, my pay grade will probably be:

Mark One Below.

ENLISTED GRADES: E1 E2 E3 E4 E5  
E6 E7 E8 E9

OFFICER GRADES: O1 O2 O3 O4 O5 O6  
O7 O8 O9 O10

Variable Name: Q8

Tape Position: 34-35

Codes: 01-09 E1-E9

11	01
12	02
13	03
14	04
15	05
16	06
17	07
18	08
19	09
20	010
-1	Missing or Uncodable

9 When I enter active duty, my MONTHLY BASIC PAY will be:

\$     PER MONTH

I don't know..... -8

Variable Name: Q9

Tape Position: 36-38

Codes: 100-900 \$100-\$900 Basic Pay

-8 Don't Know

-1 Missing or Uncodable

-4 Incomplete or out-of-range data entered by R

10 If your Monthly Basic Pay were \$100 less than it is now, would you still have joined the military?

Mark One

Yes, definitely.....	1
Yes, probably.....	2
No, probably not.....	3
No, definitely not.....	4
Don't know.....	-8

Variable Name: Q10

Tape Position: 39-40

Codes: 01-04 As Above  
-8 Don't Know  
-1 Missing or Uncodable

11 Below are some reasons that people join the military. Please tell us if each one is TRUE or NOT TRUE for you.

	TRUE FOR ME	NOT TRUE FOR ME
A. I enlisted because I was unemployed and couldn't find a job	1	0
B. I enlisted to give myself a chance to be away from home on my own	1	0
C. I enlisted because the military will give me a chance to better myself in life	1	0
D. I enlisted because I want to travel and live in different places	1	0
E. I enlisted to get away from a personal problem	1	0
F. I enlisted because I want to serve my country	1	0
G. I enlisted because I can earn more money than I could as a civilian	1	0
H. I enlisted because it is a family tradition to serve	1	0
I. I enlisted to prove that I can make it	1	0
J. I enlisted to get trained in a skill that will help me get a civilian job when I get out	1	0
K. I enlisted because I can get money for a college education	1	0

Variable Names: Q11A  
 Q11B  
 Q11C  
 Q11D  
 Q11E  
 Q11F  
 Q11G  
 Q11H  
 Q11I  
 Q11J  
 Q11K

Tape Positions: 41-42  
 43-44  
 45-46  
 47-48  
 49-50  
 51-52  
 53-54  
 55-56  
 57-58  
 59-60  
 60-62

Codes: 01 True For Me  
 00 Not True For Me  
 -1 Missing or Uncodable

12 Which of the reasons in Q. 11 is your MOST IMPORTANT REASON for enlisting? Mark One Letter Below.

MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q12      Flag: F12      Tape Position: 63-64

Codes: A=01      G=07  
B=02      H=08  
C=03      I=09  
D=04      J=10  
E=05      K=11  
F=06  
-1 Missing or Uncodable

Note: See Variables Q11A-Q11K for definitions of letter codes.

13 Which of the reasons in Q. 11 is your SECOND MOST IMPORTANT reason for enlisting? Mark One Letter Below.

SECOND MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q13      Flag: F13      Tape Position: 65-66

Codes: A=01      G=07  
B=02      H=08  
C=03      I=09  
D=04      J=10  
E=05      K=11  
F=06  
-1 Missing or Uncodable

Note: See Variables Q11A-Q11K for definitions of letter codes.

14 If you were eligible to enlist in all four services, which service would be your first choice? Your second choice? Third? Fourth? Mark One Service for Each Choice.

<u>1st Choice</u>	<u>2nd Choice</u>	<u>3rd Choice</u>	<u>4th Choice</u>
Army (1)	Army (1)	Army (1)	Army (1)
Navy (2)	Navy (2)	Navy (2)	Navy (2)
Air Force (3)	Air Force (3)	Air Force (3)	Air Force (3)
Marines (4)	Marines (4)	Marines (4)	Marines (4)

Variable Names:

	Tape Positions:
Q14A 1st Choice	67-68
Q14B 2nd Choice	69-70
Q14C 3rd Choice	71-72
Q14D 4th Choice	73-74

Codes: 01 Army  
 02 Navy  
 03 Air Force  
 04 Marines  
 -1 Missing or Uncodable

15 If you could choose the length of your first enlistment, how many years of active duty would you sign up for?  
 (Mark Number Below.)

1 year.....	01	6 years.....	06
2 years.....	02	7 years.....	07
3 years.....	03	8 years.....	08
4 years.....	04	9 years.....	09
5 years.....	05	10 years.....	10

Variable Name: Q15

Tape Position: 75-76

Codes: 01-10 1 Year-10 Years  
 -1 Missing or Uncodable

16A The next question is about your military job. Please tell us if each thing listed below is TRUE or NOT TRUE for you.

	TRUE FOR ME	NOT TRUE FOR ME
I knew the kind of military job I wanted before I came in today	1	0
I knew the kind of military job I qualified for before I came in today	1	0
I didn't qualify for the kind of military job I wanted	1	0
The counselor told me about several jobs I didn't want	1	0
A job I wanted <u>wasn't</u> available for the time I wanted to go	1	0
The counselor told me which military job was best for me	1	0
The military job I got is different from the kind I had in mind	1	0
The kind of military job I got didn't really matter to me	1	0

## Variable Names:

## Tape Positions:

Q16A1	Knew Job Wanted	77-78
Q16A2	Knew Job Qualified For	79-80
Q16A3	Didn't Qualify for Job Wanted	81-82
Q16A4	Counselor Told About Several Jobs	83-84
Q16A5	Job Wasn't Available for Time Wanted	85-86
Q16A6	Counselor Told Which Job Best	87-88
Q16A7	Job Different From Wanted	89-90
Q16A8	Job Didn't Matter	91-92

Codes: 01 True For Me  
 00 Not True For Me  
 -1 Missing or Uncodable

16B How satisfied are you with the military job you signed up for?

Very satisfied.....1  
Somewhat satisfied.....2  
Neither satisfied nor dissatisfied...3  
Somewhat dissatisfied.....4  
Very dissatisfied.....5

Variable Name: Q16B

Tape Position: 93-94

Codes: 01-05 As Above  
-1 Missing or Uncodable

17 Did you sign up for a job which pays a CASH ENLISTMENT BONUS when you complete your job training?

Yes.....01 (ANSWER A AND B)  
No.....00 (GO TO Q.18)  
Don't know.....-8 (GO TO Q.18)

Variable Name: Q17

Tape Position: 95-96

Codes: 01 Yes  
00 No  
-8 Don't Know  
-1 Missing or Uncodable

NOTE: QUESTIONS 17A AND 17B ARE SKIPPED BY SOME RESPONDENTS.  
REFER TO QUESTION 17 FOR SKIP INSTRUCTION.

A How much is your bonus?

Mark One

\$500.....	0
\$1,000.....	0
\$1,500.....	0
\$2,000.....	0
\$2,500.....	0
\$3,000.....	0

Variable Name: Q17A

Tape Position: 97-100

Codes: 0500-3000 As Above, Bonus Amounts  
-1 Missing or Uncodable  
-3 Not Applicable

Note: Code -3, Not Applicable, includes both individuals who did not sign up for a bonus and who do not know if they signed up for a bonus (Q17 = 00 or -8).

B Suppose the job you signed up for did not pay a cash bonus.  
What would you have done?

Mark One

Signed up for the <u>same</u> <u>job anyway</u> .....	1
Signed up for a <u>different</u> <u>job in my service</u> .....	2
Tried to join a <u>different</u> <u>service</u> .....	3
Not enlisted at all.....	4

Variable Name: Q17B

Tape Position: 101-102

Codes: 01-04 As Above  
-1 Missing or Uncodable  
-3 Not Applicable

Note: See Note Q17A.

18 Suppose a new enlistee were unhappy with military life. How easy or difficult do you think it would be for him (or her) to get out of the military before the end of the enlistment period that he (or she) signed up for?

Very easy.....1  
 Fairly easy.....2  
 Somewhat difficult.....3  
 Very difficult.....4  
 Almost impossible.....5

Variable Name: Q18

Tape Position: 103-104

Codes: 01-05 As Above  
 -1 Missing or Uncodable

19 In the area where you now live, which services offer a 2 YEAR ENLISTMENT CONTRACT? (Mark all that apply.)

Army.....1  
 Navy.....1  
 Air Force.....1  
 Marines.....1  
 None of the  
 Services.....1  
 I don't know.....1

Variable Names:

Flags: F19A Tape Positions:

Q19A	Army	105-106
Q19B	Navy	107-108
Q19C	Air Force	109-110
Q19D	Marines	111-112
Q19E	None	113-114
Q19F	I Don't Know	115-116

Codes: 01 Yes  
 -1 Missing or Uncodable  
 00 Not Marked

Note: In processing items which ask the respondent to "Mark all that Apply," each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked but that another category in the series was marked. Code -1, Missing, is assigned only in those cases where the respondent left all the response categories of the question blank.

20 In the area where you now live, which services offer a GUARANTEED LOCATION for the first 18 months after job training? (Mark all that apply.)

Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1  
None of the  
Services.....1  
I don't know.....1

Variable Names:

Flag: F20A Tape Positions:

Q20A	Army	117-118
Q20B	Navy	119-120
Q20C	Air Force	121-122
Q20D	Marines	123-124
Q20E	None	125-126
Q20F	I Don't Know	127-128

Codes: 01 Yes  
-1 Missing or Uncodable  
00 Not Marked

Note: See Note Q19A-Q19F.

## II. FACTS ABOUT YOU

21 Are you male or female?

Male.....1  
Female.....2

Variable Name: Q21      Flag: F21      Tape Position: 129-130

Codes: 01 Male  
02 Female  
-1 Missing or Uncodable

22 What is your Social Security Number? (Enter Number Below)

Variable Name: Q22      Flag: F22      Tape Position: 131-139

Codes: 00000000-  
999999999      SSN  
-1      Missing or Uncodable  
-4      Incomplete data entered by R

23 Which of these describes you best? (Mark one)

I AM:

Afro-American/Black/Negro.....	1
American Indian/Alaskan Native.....	2
Hispanic/Puerto Rican/Mexican/Cuban/Latino/Chicano/ Other Spanish.....	3
Oriental/Asian/Chinese/Japanese/Korean/Filipino/Pacific Islander.....	4
White/Caucasian.....	5
Other (please specify on line below).....	6

Variable Name: Q23

Flag: F23

Tape Position: 140-141

Codes: 01-06 As Above

-1 Missing or Uncodable

24 When were you born?

MONTH	DAY	YEAR
Jan..... 1		
Feb..... 2	□ □	
Mar..... 3	□ □	19 □ □
Apr..... 4		
May..... 5		
June..... 6		
July..... 7		
Aug..... 8		
Sep..... 9		
Oct..... 10		
Nov..... 11		
Dec..... 12		

Variable Name: Q24A (Month)

Tape Position: 142-143

Codes: 01-12 January-December

-1 Missing or Uncodable

Variable Name: Q24B (Day)

Tape Position: 144-145

Codes: 01-31 Day of Month

-1 Missing or Uncodable

-4 Incomplete or out-of-range data entered by R

Variable Name: Q24C (Year)

Flag: F24C

Tape Position: 146-147

Codes: 44-62 Year of Birth, 1944-1962

-1 Missing or Uncodable

-4 Incomplete or out-of-range data entered by R

25 Follow the instructions carefully for A, B, and C below.

A. Where were you born? Mark the A next to the name of the correct state or foreign country.

B. Where do you live now? Mark the B next to the name of the correct state.

C. Where were you living when you decided to enlist? Mark the C next to the name of the correct state.

STATES

Alabama.....	01	Montana.....	27
Alaska.....	02	Nebraska.....	28
Arizona.....	03	Nevada.....	29
Arkansas.....	04	New Hampshire.....	30
California.....	05	New Jersey.....	31
Colorado.....	06	New Mexico.....	32
Connecticut.....	07	New York .....	33
Delaware.....	08	North Carolina.....	34
District of Columbia (DC)...	09	North Dakota.....	35
Florida.....	10	Ohio.....	36
Georgia.....	11	Oklahoma.....	37
Hawaii.....	12	Oregon.....	38
Idaho.....	13	Pennsylvania.....	39
Illinois.....	14	Rhode Island.....	40
Indiana.....	15	South Carolina.....	41
Iowa.....	16	South Dakota.....	42
Kansas.....	17	Tennessee.....	43
Kentucky.....	18	Texas.....	44
Louisiana.....	19	Utah.....	45
Maine.....	20	Vermont.....	46
Maryland.....	21	Virginia.....	47
Massachusetts.....	22	Washington.....	48
Michigan.....	23	West Virginia.....	49
Minnesota.....	24	Wisconsin.....	50
Mississippi.....	25	Wyoming.....	51
Missouri.....	26		

FOREIGN COUNTRIES

Africa.....	52
Asia.....	53
Central or South America..	54
Europe.....	55
Mexico.....	56
Philippines.....	57
Puerto Rico.....	58
Other Caribbean.....	59
Other.....	60

Variable Name: Q25A

Tape Position: 148-149

Codes: 01-60 As Above  
 -1 Missing or Uncodable

Variable Name: Q25B

Tape Position: 150-151

Codes: 01-60 As Above  
 -1 Missing or Uncodable

Variable Name: Q25C

Tape Position: 152-153

Codes: 01-60 As Above  
 -1 Missing or Uncodable

Note: Optical scanning form provided coding "bubbles" next to the name of each location or foreign country for each part of the question,

e.g. {A} {B} {C} Alabama

{A} {B} {C} Alaska

26 What COUNTY were you living in when you decided to enlist?  
 Write the name of the county in the space below.

COUNTY: \_\_\_\_\_

I don't know the name of the county..... -8

Variable Name: Q26

Tape Position: 154-155

Codes: -8 Doesn't Know County  
 -3 Blank, see Note.

Note: Optical scanning process could not distinguish between questionnaires on which the County was written in and those which were left blank by the respondent. A code of -3, therefore simply indicates that the respondent did not mark the "Don't Know" category. This item could be used in a manual verification of Zip Codes (Q27) or as a method of filling in missing values of Q27.

27 What is the ZIP CODE of the place you were living when you decided to enlist? Record the ZIP CODE in the box to the right.

I don't know the Zip Code.....-8

ZIP CODE | | | | | | |

Variable Name: Q27

Tape Position: 156-160

Codes: 00000-

99999 Zip Code

-8 Don't Know

-1 Missing or Uncodable

-4 Incomplete or out-of-range data entered by R

28 Which of these best describes the place you live now?

Mark One

In a rural or farming community.....1

In a small city or town (less than 50,000 people) that is not a suburb of a larger place.....2

In a medium sized city (50,000 to 100,000 people) or its suburbs.....3

In a large city (over 100,000 people) or its suburbs.....4

I Don't Know.....-8

Variable Name: Q28

Tape Position: 161-162

Codes: 01-04 As Above

-8 Don't Know

-1 Missing or Uncodable

29A Who were you living with when you were 14 years old?

EXAMPLE: If you lived with your mother and stepfather, mark 1 and 4.

Mark All That Apply

My own mother.....1  
 My own father.....1  
 My stepmother.....1  
 My stepfather.....1  
 Grandparent(s).....1  
 Other male relative.....1  
 Other female relative.....1  
 Persons not related to me.....1

Variable Names:

	Tape Positions:
Q29A1 Mother	163-164
Q29A2 Father	165-166
Q29A3 Stepmother	167-168
Q29A4 Stepfather	169-170
Q29A5 Grandparent(s)	171-172
Q29A6 Other Male Relative(s)	173-174
Q29A7 Other Female Relative(s)	175-176
Q29A8 Persons Not Related	177-178

Codes:

00 Not Marked  
 01 Yes  
 -1 Missing or Uncodable

Note: See Note 19A-19F.

29B Who are you living with now?

Mark All That Apply

My own mother.....1  
 My own father.....1  
 My stepmother.....1  
 My stepfather.....1  
 Grandparent(s).....1  
 Other male relative(s).....1  
 My spouse.....1  
 My inlaws.....1  
 Person(s) not related to me.....1  
 By myself.....1

Variable Names: Flags: F29B1 Tape Positions:

Q29B1	Mother	179-180
Q29B2	Father	181-182
Q29B3	Stepmother	183-184
Q29B4	Stepfather	185-186
Q29B5	Grandparent(s)	187-188
Q29B6	Other Relatives(s)	189-190
Q29B7	Spouse	191-192
Q29B8	Inlaws	193-194
Q29B9	Not Related	195-196
Q29B10	Myself	197-198

Codes: 00 Not Marked

01 Yes

-1 Missing or Uncodable

Note: See Note 19A-19F.

29C When did you last live with your parents, guardians or other relatives?

I live with them now..... 1

	MONTH	YEAR
January.....	01	1979..... 79
February.....	02	1978..... 78
March.....	03	1977..... 77
April.....	04	1976..... 76
May.....	05	1975..... 75
June.....	06	1974..... 74
July.....	07	1973..... 73
August.....	08	1972..... 72
September.....	09	1971..... 71
October.....	10	1970..... 70
November.....	11	Before 1970.. 69
December.....	12	

Variable Name: Q29C1 (Live with Parents Now) Flag: F29C1 Tape Position: 199-200

Codes: 01 Live with Parents Now  
00 Does Not Live with Parents  
-1 Missing or Uncodable

Note: R was coded as not living with parents, i.e., Q29C1 = 00, if valid codes were entered in Q29C3 and the "bubble" next to "I live with them now" was left blank.

Variable Name: Q29C2 (Month) Tape Position: 201-202

Codes: 01-12 Month  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Q29C1=01

Variable Name: Q29C3 (Year) Tape Position: 203-204

Codes: 79-70 Year  
69 Before 1970  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Q29C1=01

Note: If more than one year marked, lowest number selected  
If lowest selected XV8=1, tape position 527.

30A What would you say is the total yearly income of your parents or guardians and all family members who live with them, before taxes and other deductions? DO NOT INCLUDE YOUR INCOME.

Give your best estimate. Mark only one answer.

Mark One

Less than \$2,599 a year (less than \$50 a week).....	1
\$2,600 - \$5,199 a year (about \$50 - \$99 a week).....	2
\$5,200 - \$7,799 a year (about \$100 - \$149 a week).....	3
\$7,800 - \$10,399 a year (about \$150 - \$199 a week).....	4
\$10,400 - \$12,999 a year (about \$200 - \$249 a week).....	5
\$13,000 - \$15,599 a year (about \$250 - \$299 a week).....	6
\$15,600 - \$18,199 a year (about \$300 - \$349 a week).....	7
\$18,200 - \$20,799 a year (about \$350 - \$399 a week).....	8
\$20,800 - \$25,999 a year (about \$400 - \$499 a week).....	9
\$26,000 - \$31,199 a year (about \$500 - \$599 a week).....	10
\$31,200 or more a year (about \$600 a week or more).....	11
I Don't Know.....	-8

Variable Name: Q30A

Tape Position: 205-206

Codes: 01-11 As Above  
 -8 Don't Know  
 -1 Missing or Uncodable

Note: If more than one income marked, highest income selected.  
 If highest selected, XV9=1, tape position 528.

30B Is any of this income from public assistance or welfare?

Yes.....	1
No.....	0

Variable Name: Q30B

Tape Position: 207-208

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

## III. YOUR EDUCATION

31 Are you now enrolled in regular school, that is, high school or college?

Yes, I attend full time.....1 (GO TO Q.32)  
 Yes, I attend part time.....2 (GO TO Q.32)  
 No.....0 (ANSWER A AND B)

Variable Name: Q31

Tape Position: 209-210

Codes: 01 Yes, Full Time  
 02 Yes, Part Time  
 00 No  
 -1 Missing or Uncodable

NOTE: QUESTIONS 31A AND 31B ARE SKIPPED BY SOME RESPONDENTS.  
 REFER TO QUESTION 31 FOR SKIP INSTRUCTIONS.

A When did you last attend regular school?

	MONTH	YEAR
January.....	01	1979..... 79
February.....	02	1978..... 78
March.....	03	1977..... 77
April.....	04	1976..... 76
May.....	05	1975..... 75
June.....	06	1974..... 74
July.....	07	1973..... 73
August.....	08	1972..... 72
September.....	09	1971..... 71
October.....	10	1970..... 70
November.....	11	Before 1970.. 69
December.....	12	

Variable Name: Q31A1 (Month)

Tape Position: 211-212

Codes: 01-12 January-December  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., in school.

Variable Name: Q31A2 (Year)

Tape Position: 213-214

Codes: 79-70 Year, 1979-70  
 69 Before 1970  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., in school.

Note: If more than one year marked, lowest year selected.  
 If lowest year selected, XV10=1, tape position 529.

B Were you attending school full time or part time?

Mark One

Full time.....1  
 Part time.....2

Variable Name: Q31B

Tape Position: 215-216

Codes: 01 Full Time  
 02 Part Time  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., in school.

32 AS OF TODAY, what is the highest grade or year of regular school you have COMPLETED? (If you have a GED, mark the last grade you completed in regular school.)  
 Mark One Code Below.

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q32

Flag: F32

Tape Position: 217-218

Codes: 01-08 Elementary  
 09-12 High School (1-4 Years)  
 13-20 College Credit (1-8 Years)  
 -1 Missing or Uncodable

Note: If more than one grade marked, highest grade selected.  
 If highest grade selected, XV11=1, tape position 530.

33 WHEN YOU ENTER ACTIVE DUTY, what will be the highest grade or year of regular school you will have COMPLETED? (If you will have a GED, mark the last grade you will have completed in regular school.)

Mark One Code Below.

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q33 Flag: F33 Tape Position: 219-220

Codes: 01-08 Elementary  
09-12 High School (1-4 Years)  
13-20 College Credit (1-8 Years)  
-1 Missing or Uncodable

Note: If more than one grade marked, highest grade selected.  
If highest grade selected, XV12=1, tape position 531.

34A WHEN I ENTER ACTIVE DUTY, the highest diploma I will have is:

Mark One

A GED certificate.....1  
A high school diploma.....2  
Associate degree (A.A) from a  
junior college.....3  
B.A. or B.S. degree.....4  
None of the above.....5

Variable Name: Q34A

Tape Position: 221-222

Codes: 01-05 As Above  
-1 Missing or Uncodable

NOTE: If more than one item marked, highest degree selected.  
If highest selected, XV13=1, tape position 532.

34B Does (did) your high school have a special test that you must pass in order to get a high school diploma?

Yes.....1 (ANSWER 34C)  
No.....0 (GO TO Q.35)

Variable Name: Q34B

Tape Position: 223-224

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

NOTE: QUESTION 34C IS SKIPPED BY SOME RESPONDENTS.  
REFER TO QUESTION 34B FOR SKIP INSTRUCTIONS.

34C Did you pass this special test?

Yes.....1  
No.....0  
I haven't taken  
it yet.....2  
I haven't been  
told if I passed... 3

Variable Name: Q34C

Tape Position: 225-226

Codes: 01 Yes  
00 No  
02 Haven't Taken  
03 Not Told If Passed  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., no special test

35 How would you describe the grades you make now (or were making when you were last in school)?

Mark One

Mostly A.....	1
About half A and half B.....	2
Mostly B.....	3
About half B and half C.....	4
Mostly C.....	5
About half C and half D.....	6
Mostly D.....	7
Mostly below D.....	8

Variable Name: Q35

Tape Position: 227-228

Codes: 01-08 As Above  
-1 Missing or Uncodable

36 Have you ever attended a vocational, technical or business school?

No.....0 (GO TO Q.37)  
Yes.....1 (ANSWER A)

Variable Name: Q36

Tape Position: 229-230

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

NOTE: QUESTION 36A IS SKIPPED BY SOME RESPONDENTS.  
REFER TO QUESTION 36 FOR SKIP INSTRUCTIONS.

A Did you complete your course?

Yes.....1  
No.....0

Variable Name: Q36A

Tape Position: 231-232

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., did not attend voc/tech/  
business school.

37 Today you were told about an educational benefit known as  
the Veteran's Educational Assistance Program (VEAP).

If you decide to participate, you must contribute at least  
\$50 a month from your military pay to an educational fund.  
The Veteran's Administration then adds \$2 for every \$1 you  
contribute. You can use the money for your education after  
you finish your first term of service.

A Do you plan to participate in VEAP?

Mark One

Yes.....1  
No.....0  
Don't know...-8

Variable Name: Q37A

Tape Position: 233-234

Codes: 01 Yes  
00 No  
-8 Don't Know  
-1 Missing or Uncodable

B If you were allowed to contribute less than \$50 per month, would you participate in the program?

Yes.....1

No.....0

Variable Name: Q37B

Tape Position: 235-236

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

38 Did you sign up for a job that pays an EXTRA VEAP EDUCATION BONUS at the end of your first enlistment?

No.....0 (GO TO Q. 39)  
Yes.....1 (ANSWER A AND B)

Variable Name: Q38

Tape Position: 237-238

Codes: 00 No  
01 Yes  
-1 Missing or Uncodable

NOTE: QUESTIONS 38A AND 38B ARE SKIPPED BY SOME RESPONDENTS.  
REFER TO QUESTION 38 FOR SKIP INSTRUCTIONS.

A How much will your educational bonus be?

\$1,000.....0  
\$2,000.....0  
\$3,000.....0  
\$4,000.....0

Variable Name: Q38A

Tape Position: 239-242

Codes: 1000-4000 As Above, Bonus Amounts  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., no extra VEAP Bonus

B Suppose the job you signed up for did not pay an extra VEAP education bonus. What would you have done?

Signed up for the <u>same</u> <u>job</u> anyway.....	1
Signed up for a <u>different</u> <u>job</u> in my service.....	2
Tried to join a <u>different</u> <u>service</u> .....	3
Not enlisted at all.....	4

Variable Name: Q38B

Tape Position: 243-244

Codes: 01-04 As Above  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., no extra VEAP Bonus

39 What is the highest grade or year of regular school you think you will ever complete in the future? (If your highest grade will be a GED certificate, mark 12.)  
 Mark One Below.

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8 or more

Variable Name: Q39

Flag: F39

Tape Position: 245-246

Codes: 01-08 Elementary  
 09-12 High School (1-4 Years)  
 13-20 College (1-8 Years Credit)  
 -1 Missing or Uncodable

Note: If more than one grade marked, highest grade selected.  
 If highest grade selected, XV14=1, tape position 533.

IV. MARRIAGE AND CHILDREN

NOTE: QUESTIONS IN THIS SECTION ARE SKIPPED BY SOME RESPONDENTS, DEPENDING ON RESPONSE TO QUESTION 40 (MARITAL STATUS.)

- IF MARRIED, Respondent should have answered Questions 40, 41, 42, 43, 43A, 44A, 44B
- IF MARRIED, and SPOUSE IN MILITARY, Respondent should have answered Questions 40, 41, 42, 43, 43A, 44A, 44B
- IF SINGLE, SEPARATED, DIVORCED OR WIDOWED, Respondent should have answered Question 40, 40A, 40B, 44A, and 44B

40 I am now:

Mark One

Married.....1 (GO TO Q.41)  
 Single, never married.....2 (ANSWER A AND B)  
 Separated.....3 (ANSWER A AND B)  
 Divorced.....4 (ANSWER A AND B)  
 Widowed.....5 (ANSWER A AND B)

Variable Name: Q40 Flag: F40 Tape Position: 247-248

Codes: 01-05 As Above  
 -1 Missing or Uncodable

A Are you engaged to be married?

Yes.....1  
 No.....0

Variable Name: Q40A Flag: F40A Tape Position: 249-250

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., married

B How many years from now would you like to get married (or remarried)?

In less than a year.....00

1 year	2 years	3 years	4 years	5 years
6 years	7 years	8 years	9 years	10 years or more

I don't know.....-8

I don't plan to get married (or remarried)....-7

\*\*\* GO TO Q.44 \*\*\*

Variable Name: Q40B

Tape Position: 251-252

Codes: 00 Less Than Year  
 01-10 1-10 Years  
 -7 Don't Plan to Marry  
 -8 Don't Know  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., married

41 How long have you been married to your current spouse?

Mark One

Less than 6 months.....1  
 6 months to 1 year.....2  
 More than 1 year, but  
 less than 2.....3  
 More than 2 years, but  
 less than 3.....4  
 Three years or more.....5

Variable Name: Q41

Tape Position: 253-254

Codes: 01-05 As Above  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., not married

42 What is the highest grade of regular school your spouse has COMPLETED? (If your spouse has a GED, mark the last grade she or he completed in regular school.)  
Mark One Code Below.

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8 or more

Variable Name: Q42

Tape Position: 255-256

Codes: 01-08 Elementary  
09-12 High School (1-4 Years)  
13-20 College Credit (1-8 Years)  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., not married

Note: If more than one grade marked, highest selected.  
If highest selected, XV15=1, tape position 534.

43 Is your spouse now on active duty in the military?

Yes.....1 (GO TO Q.44A)  
No.....0 (ANSWER A)

Variable Name: Q43

Tape Position: 257-258

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., not married

A Does your spouse plan to enlist in the military in the next 12 months?

Yes.....1  
No.....0

Variable Name: Q43A

Tape Position: 259-260

Codes: 00 Not Planning  
01 Yes Planning  
02 Spouse in military  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., not married

Note: Code 02, Spouse in Military, was assigned if R is married, marked Q43 = 01 and left Q43A blank. Code -3, Not Applicable, was assigned if R is not married (Q40 = 02-05) and this item is blank.

44A How many children do you have now? Mark Number Below.

None 1 2 3 4 5 or more

Variable Name: Q44A

Tape Position: 261-262

Codes: 00-04 0-4 Children  
05 5 or More Children  
-1 Missing or Uncodable

B In all, how many children do you expect to have? (Mark One)

I don't know if I will have children.....-8

None 1 2 3 4 5 or more

Variable Name: Q44B

Flag: F44B Tape Position: 263-264

Codes: 00-04 0-4 Children  
05 5 or More Children  
-8 Don't Know  
-1 Missing or Uncodable

V. WORKING AND JOBS

45 Since you were 16 years old, have you had a full time or part time job?

Yes.....1 (ANSWER Q. 46-53)  
No.....0 (GO TO Q. 54)

Variable Name: Q45

Tape Position: 265-266

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

NOTE: QUESTIONS 46 - 53 ARE SKIPPED BY SOME RESPONDENTS.  
REFER TO QUESTION 45 FOR SKIP INSTRUCTION. Respondents  
who never had a full-time or part-time job do not answer  
these items.

46 Since you were 16 years old, have you had a job where you worked 30 HOURS PER WEEK OR MORE?

Yes.....1  
No.....0

Variable Name: Q46

Flag: F46

Tape Position: 267-268

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable

Note: Code -3, Not Applicable, in Q46-Q49, Q50 and Q53  
indicates that R. did not have a full time or part  
time job since age 16.

## 47 Have you ever received Unemployment Compensation?

Yes.....1  
No.....0

Variable Name: Q47

Tape Position: 269-270

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable (See Note: Q46)

QUESTIONS 48 - 53 ARE ABOUT THE JOB YOU HAVE NOW OR THE JOB  
YOU HAD THE LAST TIME YOU WORKED.

48 When did you start working at this job?

	MONTH	YEAR
January.....	01	1979..... 79
February.....	02	1978..... 78
March.....	03	1977..... 77
April.....	04	1976..... 76
May.....	05	1975..... 75
June.....	06	1974..... 74
July.....	07	1973..... 73
August.....	08	1972..... 72
September.....	09	1971..... 71
October.....	10	1970..... 70
November.....	11	Before 1970.. 69
December.....	12	

Variable Name: Q48A (Month) Flag: F48A Tape Position: 271-272

Codes: 01-12 January-December  
-1 Missing or Uncodable  
-3 Not Applicable (See Note: Q46)

Variable Name: Q48B (Year) Flag: F48A Tape Position: 273-274

Codes: 79-70 Year, 1979-70  
69 Before 1970  
-1 Missing or Uncodable  
-3 Not Applicable (See Note: Q46)

Note: If more than one year marked, lowest year selected.  
If lowest year selected, XV16=1, tape position 535.

49 When did this job end?

I work on this job now..... 1

MONTH YEAR

January.....	01	1979.....	79
February.....	02	1978.....	78
March.....	03	1977.....	77
April.....	04	1976.....	76
May.....	05	1975.....	75
June.....	06	1974.....	74
July.....	07	1973.....	73
August.....	08	1972.....	72
September.....	09	1971.....	71
October.....	10	1970.....	70
November.....	11	Before 1970..	69
December.....	12		

Variable Name: Q49

Tape Position: 275-276

Codes: 01 Working Now  
 00 Job Ended, date provided.  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q46)

Note: Code 00, Job Ended, was assigned if R indicated that s/he had worked (Q45 = 01), left Q49 = blank and either provided data in Q49A and Q49B or just in Q49B.

Variable Name: Q49A (Month) Flag: F49A Tape Position: 277-278

Codes: 01-12 January-December  
 13 Working Now  
 -1 Missing or Uncodable  
 -3 Not Applicable (See Note Q46)

Note: Code 13, Working Now, was assigned to individuals who have had a full or part time job (Q45 = 01), marked the "bubble" next to "I work on this job now," (Q49 = 01) and who left Q49A = blank. Code -3, Not Applicable, means that R did not have a full or part time job since age 16. (Q45 = 00) and left Q49A = blank.

Variable Name: Q49B (Year)      Flag: F49A      Tape Position: 279-280

Codes: 79-70   Year, 1979-70  
69      Before 1970  
13      Working Now  
-1      Missing or Uncodable  
-3      Not Applicable (See Note Q.46)

Note: If more than one year marked, lowest year selected.  
If lowest year selected, XV17=1, tape position 536.  
Also see Note for Q49A.

50 How many hours per week do (or did) you usually work at this job?

Hours per Week


Variable Name: Q50      Tape Position: 281-282

Codes: 01-80   Number Hours Worked  
-1      Missing or Uncodable  
-3      Not Applicable (See Note Q.46)  
-4      Incomplete or out-of-range data entered by R

51 What kind of work do (or did) you do, that is, what is (was) your job called? (For example: stock clerk, electrician's helper, typist, cook, delivery man). Write the name of your job in the space below.

---

---

YOUR JOB

Variable Name: Q51      Tape Position: 283-285

Codes: Data Not Coded

52 What kind of place do (or did) you work for? (For example: roofing company, grocery store, restaurant, shoe factory). Write the kind of place in the space below. Do not write the name of the company.

KIND OF PLACE OF EMPLOYMENT

Variable Name: Q52

Tape Position: 286-288

Codes: Data Not Coded

53 About how much do (did) you earn per hour at this job ?

dollars cents

\$   .   PER HOUR

Variable Name: Q53

Tape Position: 289-292

Codes: 0100-1000      Hourly Earnings, \$1.00 - \$10.00  
-1      Missing or Uncodable  
-3      Not Applicable (See Note Q.46)  
-4      Incomplete or out-of-range data entered by R

54 The next question is about things you did from JANUARY 1978 to FEBRUARY 1979.

MARK WHAT YOU DID MOST OF THE TIME EACH MONTH. MARK ONE THING FOR EACH MONTH.

	I Worked Full Time	I Worked Part Time	I was Unemployed, Looking For Work	I did None Of These
--	-----------------------	-----------------------	---------------------------------------------	------------------------------

January 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
February 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
March 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
April 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
May 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
June 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
July 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
August 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
September 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
October 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
November 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
December 1978.....	( 1).....	( 2).....	( 3).....	( 4).....
January 1979.....	( 1).....	( 2).....	( 3).....	( 4).....
February 1979.....	( 1).....	( 2).....	( 3).....	( 4).....

PLEASE CHECK: HAVE YOU MARKED ONE ITEM FOR EACH MONTH?

Variable Names: Flag: F54 Tape Positions:

Q54A	January 1978	293-294
Q54B	February 1978	295-296
Q54C	March 1978	297-298
Q54D	April 1978	299-300
Q54E	May 1978	301-302
Q54F	June 1978	303-304
Q54G	July 1978	305-306
Q54H	August 1978	307-308
Q54I	September 1978	309-310
Q54J	October 1978	311-312
Q54K	November 1978	313-314
Q54L	December 1978	315-316
Q54M	January 1979	317-318
Q54N	February 1979	319-320

Codes: 01 Worked Full Time  
 02 Worked Part Time  
 03 Unemployed  
 04 None of These  
 -1 Missing or Uncodable

55 What were you doing most of the time in MARCH 1979?

Mark One

Working full time.....	1
Working part time.....	2
With a job but not at work, laid off.....	3
Looking for work.....	4
Keeping house.....	5
Going to school.....	6
Unable to work.....	7
Other.....	-6

Variable Name: Q55

Tape Position: 321-322

Codes: 01-07 As Above  
 -6 Other  
 -1 Missing or Uncodable

56 If you were not going into the military, how easy or difficult would it be for you to get a full time job in the area where you now live?

Mark One

Not difficult at all.....	1
Somewhat Difficult.....	2
Very Difficult.....	3
Almost Impossible.....	4
Don't Know.....	8

Variable Name: Q56

Tape Position: 323-324

Codes: 01-04 As Above  
-8 Don't Know  
-1 Missing or Uncodable

57 The next questions are about government sponsored training programs.

A During the time from January 1978 until now, have you ever had a job (full time or part time) which was part of a government sponsored work training program known as CETA?

Yes.....1  
No.....0

Variable Name: Q57A

Tape Position: 325-326

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

B During the time from January 1978 until now, have you ever had a job (full time or part time) which was part of a government program known as the JOB CORPS?

Yes.....1

No.....0

Variable Name: Q57B

Tape Position: 327-328

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

C During the time from January 1978 until now, have you ever had a job (full time or part time) which was part of any other government sponsored job training program?

Yes.....1

No.....0

Variable Name: Q57C

Tape Position: 329-330

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

## VI. YOUR INCOME AND EXPENSES

58 In 1978 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

\$0.....	0
\$1 - \$599.....	1
\$600 - \$1199.....	2
\$1200 - \$1999.....	3
\$2000 - \$3999.....	4
\$4000 - \$5999.....	5
\$6000 - \$7999.....	6
\$8000 - \$9999.....	7
\$10,000 or more.....	8

Variable Name: Q58

Tape Position: 331-332

Codes: 01-08 As Above  
-1 Missing or Uncodable

59 In 1977 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

\$0.....	0
\$1 - \$599.....	1
\$600 - \$1199.....	2
\$1200 - \$1999.....	3
\$2000 - \$3999.....	4
\$4000 - \$5999.....	5
\$6000 - \$7999.....	6
\$8000 - \$9999.....	7
\$10,000 or more.....	8

Variable Name: Q59

Tape Position: 333-334

Codes: 00-08 As Above  
-1 Missing or Uncodable

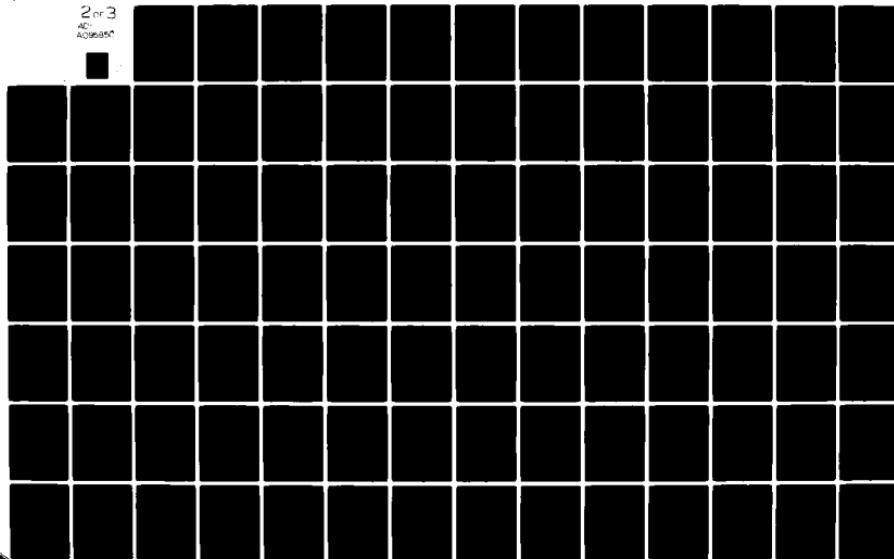
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RAND CORP SANTA MONICA CA  
1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE: WAVE 1 --ETC(U)  
NOV 80 Z D DOERING, D W GRISSMER, J S MORSE MDA903-80-C-0652  
RAND/N-1605-MRAL NL

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60 In 1976 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

\$0.....	0
\$1 - \$599.....	1
\$600 - \$1199.....	2
\$1200 - \$1999.....	3
\$2000 - \$3999.....	4
\$4000 - \$5999.....	5
\$6000 - \$7999.....	6
\$8000 - \$9999.....	7
\$10,000 or more.....	8

Variable Name: Q60

Tape Position: 335-336

Codes: 00-08 As Above  
-1 Missing or Uncodable

61 What would you say is the total value of any savings accounts, checking accounts, cash, and U.S. Savings Bonds that you have now?

Mark One

\$0.....	0
\$1-\$249.....	1
\$250-\$499.....	2
\$500-\$999.....	3
\$1,000-\$1,499.....	4
\$1,500-\$1,999.....	5
\$2,000-\$2,499.....	6
\$2,500-\$3,499.....	7
\$3,500 or more.....	8

Variable Name: Q61

Tape Position: 337-338

Codes: 00-08 As Above  
-1 Missing or Uncodable

62 About how much allowance do you receive from your parents or guardians in an average month?

Mark One

None.....	0
\$1 - \$9.....	1
\$10 - \$14.....	2
\$15 - \$19.....	3
\$20 - \$24.....	4
\$25 - \$29.....	5
\$30 - \$34.....	6
\$35 or more.....	7

Variable Name: Q62

Tape Position: 339-340

Codes: 00-07 As Above  
-1 Missing or Uncodable

63 LAST MONTH, how much did you pay for rent (or room and board)?  
Include any rent you paid to your parents or guardians.

Mark One

I don't pay for rent.....	0
Less than \$50.....	1
\$50 - \$99.....	2
\$100 - \$149.....	3
\$150 - \$174.....	4
\$175 - \$199.....	5
\$200 - \$249.....	6
\$250 or more.....	7

Variable Name: Q63

Tape Position: 341-342

Codes: 00 Don't Pay  
01-07 As Above  
-1 Missing or Uncodable

64 Not including rent or room and board, how much of your living expenses (clothes, entertainment, tuition, etc.) do you pay for yourself?

Mark One

I pay for all of my expenses.....1  
 I pay for more than half.....2  
 I pay for about half.....3  
 I pay for less than half.....4  
 I don't pay for any of my expenses.....5

Variable Name: Q64

Tape Position: 343-344

Codes: 01-05 As Above  
 -1 Missing or Uncodable

65 NOT INCLUDING YOURSELF, how many dependents will you claim on your income tax form for 1978? CIRCLE NUMBER BELOW.

I am not filing an income tax form for 1978.....-7

None 1 2 3 4 5 or more

Variable Name: Q65

Tape Position: 345-346

Codes: 00 None  
 01-04 1-4 Dependents  
 05 5 or More Dependents  
 -7 Not Filing Tax Form  
 -1 Missing or Uncodable

66 If you were not eligible to enlist in any service, what kinds of things do you think you would be doing in the next twelve months?

Mark All that Apply

Working full time.....1  
 Working part time.....1  
 Looking for work.....1  
 Going to school  
     full time.....1  
 Going to school  
     part time.....1  
 Taking a break,  
     traveling, etc.....1  
 Getting married.....1  
 Being a full time  
     homemaker.....1

Variable Names:

Tape Positions:

Q66A	Working Full Time	347-348
Q66B	Working Part Time	349-350
Q66C	Looking For Work	351-352
Q66D	School Full Time	353-354
Q66E	School Part Time	355-356
Q66F	Break, Traveling, etc.	357-358
Q66G	Getting Married	359-360
Q66H	Homemaker	361-362

Codes: 01 Yes  
 -1 Missing or Uncodable  
 00 Not Marked

Note: Code 00, Not Marked, in Q66A-Q66H means that the activity in question was not marked but that R marked another activity in the series. Code -1, Missing, means that R did not mark any activity in the series. See Note 19A-19F.

67 If you were not entering the military, how much do you think you would earn in the next year (before taxes)?

Less than \$1,200 a year (about \$99 a month or less).....1  
 \$1,200 - \$2,399 a year (about \$100 - \$199 a month).....2  
 \$2,400 - \$3,599 a year (about \$200 - \$299 a month).....3  
 \$3,600 - \$4,799 a year (about \$300 - \$399 a month).....4  
 \$4,800 - \$5,999 a year (about \$400 - \$499 a month).....5  
 \$6,000 - \$7,199 a year (about \$500 - \$599 a month).....6  
 \$7,200 - \$8,399 a year (about \$600 - \$699 a month).....7  
 \$8,400 - \$9,599 a year (about \$700 - \$799 a month).....8  
 \$9,600 - \$12,000 a year (about \$800 - \$999 a month).....9  
 \$12,000 or more a year (about \$1,000 a month or more)....10

Variable Name: Q67

Tape Position: 363-364

Codes: 01-10 As Above  
 -1 Missing or Uncodable

68 Suppose you had been offered a steady full time civilian job which paid \$500 per month (before taxes) and began at the time you will be shipping out. What would you have done?

I would have joined the military anyway....1

I would have taken the civilian job.....0

Variable Name: Q68

Tape Position: 365-366

Codes: 01 Joined Military  
 00 Taken Civilian Job  
 -1 Missing or Uncodable

69 Suppose you have been offered a steady full-time civilian job which paid \$700 per month (before taxes) and began at the same time you will ship out. What would you have done?

I would have joined the military anyway....1

I would have taken the civilian job.....0

Variable Name: Q69

Tape Position: 367-368

Codes: 01 Joined Military  
 00 Civilian Job  
 -1 Missing or Uncodable

VII. YOUR DECISION TO ENLIST

70 The next questions are about some of the things you did before you decided to enlist.

A I called a toll free number for information about: (Mark all that apply)

None of the services.....1  
Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1

Variable Names:

Tape Positions:

Q70A1	None of Services	369-370
Q70A2	Army	371-372
Q70A3	Navy	373-374
Q70A4	Air Force	375-376
Q70A5	Marines	377-378

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: See Note 19A-19F.

B I mailed a postcard or coupon for information about: (Mark all that apply)

None of the services.....	1
Army.....	1
Navy.....	1
Air Force.....	1
Marines.....	1

Variable Names:

Tape Positions:

Q70B1	None of Services	379-380
Q70B2	Army Coupon	381-382
Q70B3	Navy Coupon	383-384
Q70B4	Air Force Coupon	385-386
Q70B5	Marines Coupon	387-388

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: See Note 19A-19F.

C I talked to recruiters from: (Mark All That Apply)

Army.....	1
Navy.....	1
Air Force.....	1
Marines.....	1

Variable Names:

Flag: F70C1 Tape Positions:

Q70C1	Saw Army Recruiter	389-390
Q70C2	Saw Navy Recruiter	391-392
Q70C3	Saw Air Force Recruiter	393-394
Q70C4	Saw Marines Recruiter	395-396

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

D I was told I was not eligible to enlist in: (Mark all that apply)

None of the services.....1  
Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1

Variable Names:

Tape Positions:

Q70D1	Ineligible: None	397-398
Q70D2	Ineligible: Army	399-400
Q70D3	Ineligible: Navy	401-402
Q70D4	Ineligible: Air Force	403-404
Q70D5	Ineligible: Marines	405-406

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable

Note: See Note 19A-19F.

71A The FIRST recruiter I talked to was from the

Mark One

Army.....1  
Navy.....2  
Air Force.....3  
Marines.....4

Variable Name: Q71A

Tape Position: 407-408

Codes: 01-04 As Above  
-1 Missing or Uncodable

THE NEXT QUESTIONS ARF ABOUT THE FIRST RECRUITER YOU TALKED TO.

71B How did you meet this recruiter?

Mark One

I called or went to the office.....1  
He called or wrote me.....2  
I met him some other way.....3

Variable Name: Q71B

Tape Position: 409-410

Codes: 01-03 As Above  
-1 Missing or Uncodable

## 71C When did you first talk to this recruiter?

MONTH	YEAR
January..... 01	1979..... 79
February..... 02	1978..... 78
March..... 03	1977..... 77
April..... 04	1976..... 76
May..... 05	1975..... 75
June..... 06	1974..... 74
July..... 07	1973..... 73
August..... 08	1972..... 72
September..... 09	1971..... 71
October..... 10	1970..... 70
November..... 11	Before 1970.. 69
December..... 12	

Variable Name: Q71C1 (Month) Flag: F71C1 Tape Position: 411-412

Codes: 01-12 January-December  
-1 Missing or Uncodable

Variable Name: Q71C2 (Year) Flag: F71C1 Tape Position: 413-414

Codes: 79-70 Year, 1979-1970  
69 Before 1970  
-1 Missing or UncodableNote: If more than one year marked, lowest year selected.  
If lowest year selected XV18=1, tape position 537.71D Did this recruiter tell you to talk to recruiters from OTHER services?No..... 0 (SKIP TO Q. 72A)  
Yes..... 1 (ANSWER 71E)

Variable Name: Q71D Tape Position: 415-416

Codes: 00 No  
01 Yes  
-1 Missing or Uncodable

NOTE: QUESTION 71E IS SKIPPED BY SOME RESPONDENTS.  
REFER TO QUESTION 71D FOR SKIP INSTRUCTION.

71E Which other services did he tell you to talk to? (Mark All That Apply)

Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1

Variable Names:

		Tape Positions:
Q71E1	Referred to Army	417-418
Q71E2	Referred to Navy	419-420
Q71E3	Referred to Air Force	421-422
Q71E4	Referred to Marines	423-424

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable

Note: Code 00, Not Marked, In Q71E1-Q71E4 means that R did not mark the service in the item but did mark another service in the series. Code -3, Not Applicable, means that no referral was involved, i.e., Q71D = 00. Code -1, Missing, means that a referral was involved, i.e., Q71D = 01, but R left these items blank. Also see Note Q19A-Q19F.

72A The SECOND recruiter I talked to was from

Mark One

I only talked to  
one recruiter.....-7 (GO TO Q.73)  
Army.....1  
Navy.....2  
Air Force.....3  
Marines.....4

Variable Name: Q72A

Tape Position: 425-426

Codes: 01-04 As Above  
-7 Only Saw One Recruiter  
-1 Missing or Uncodable

NOTE: QUESTION 72B, 72C AND 72D ARE SKIPPED BY SOME RESPONDENTS.  
REFER TO QUESTION 72A FOR SKIP INSTRUCTION.

THE NEXT QUESTIONS ARE ABOUT THE SECOND RECRUITER YOU TALKED TO.

72B How did you meet this recruiter?

Mark One

I called or went to the office..1  
He called or wrote to me.....2  
I met him some other way.....3

Variable Name: Q72B

Tape Position: 427-428

Codes: 01-03 As Above

-1 Missing or Uncodable

-3 Not Applicable, i.e., saw only one recruiter

72C When did you first talk to this recruiter?

MONTH	YEAR
January.....	01 1979..... 79
February.....	02 1978..... 78
March.....	03 1977..... 77
April.....	04 1976..... 76
May.....	05 1975..... 75
June.....	06 1974..... 74
July.....	07 1973..... 73
August.....	08 1972..... 72
September.....	09 1971..... 71
October.....	10 1970..... 70
November.....	11 Before 1970.. 69
December.....	12

Variable Name: Q72C1 (Month)

Tape Position: 429-430

Codes: 01-12 January-December

-1 Missing or Uncodable

-3 Not Applicable, i.e., saw only one recruiter

Variable Name: Q72C2 (Year)

Tape Position: 431-432

Codes: 79-70 Year, 1979-1970  
69 Before 1970  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., saw only one recruiter

Note: If more than one year marked, lowest year selected.  
If lowest year selected XV19=1, tape position 538.

72D Did this recruiter tell you to talk to recruiters from OTHER services?

No.....0 (GO TO Q.73)  
Yes.....1 (ANSWER E)

Variable Name: Q72D

Tape Position: 433-434

Codes: 00 No  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., saw only one recruiter

NOTE: QUESTION 72E IS SKIPPED BY SOME RESPONDENTS.  
REFER TO QUESTION 72D FOR SKIP INSTRUCTION.

72E Which other services did he tell you to talk to? (Mark All That Apply)

Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1

Variable Names:

Tape Positions:

Q72E1	Referred to Army	435-436
Q72E2	Referred to Navy	437-438
Q72E3	Referred to Air Force	439-440
Q72E4	Referred to Marines	441-442

Codes: 00 Not Marked

01 Yes

-7 No Referral from second recruiter

-1 Missing or Uncodable

-3 Not Applicable, i.e., saw only one recruiter

Note: Code 00, Not Marked, in Q72E1-Q72E4 means that R did not mark the service in the item but did mark another service in the series. Code -7, No Referral, means that no referral was involved, i.e. Q72D = 00. Code -3, Not Applicable, means that R never saw a second recruiter, i.e., Q72A = -7. Code -1, Missing, means that a referral was involved, i.e. Q72D = 01, but R left these items blank. Also see Note Q19A-Q19F.

73 Everyone enlisting in the military must take a three-hour written test called the ASVAB.

Including today, how many times have you taken the ASVAB test?

1 2 3 4 or more

Variable Name: Q73

Tape Position: 443-444

Codes: 01-04 As Above  
-1 Missing or Uncodable

74 When did you make your final decision to enlist in the military?

	MONTH	YEAR
January.....	01	1979..... 79
February.....	02	1978..... 78
March.....	03	1977..... 77
April.....	04	1976..... 76
May.....	05	1975..... 75
June.....	06	1974..... 74
July.....	07	1973..... 73
August.....	08	1972..... 72
September.....	09	1971..... 71
October.....	10	1970..... 70
November.....	11	Before 1970.. 69
December.....	12	

Variable Name: Q74A (Month) Flag: F74A Tape Position: 445-446

Codes: 01-12 January-December  
-1 Missing or Uncodable

Variable Name: Q74B (Year) Flag: F74 Tape Position: 447-448

Codes: 79-70 Year, 1979-1970  
69 Before 1970  
-1 Missing or Uncodable

Note: If more than one year marked, lowest year selected.  
If lowest year selected, XV20 = 1, tape position 539.

NOTE: QUESTION 75A-78A ARE NOT ANSWERED BY ALL RESPONDENTS.  
QUESTIONS ARE SKIPPED AS A FUNCTION OF THE SERVICE THE  
RESPONDENT IS JOINING.

- IF ARMY, then Question 75A is skipped.
- IF NAVY, then Question 76A is skipped.
- IF AIR FORCE, then Question 77A is skipped.
- IF MARINE CORPS, then Question 78A is skipped.

THE NEXT QUESTIONS ARE ABOUT EACH OF THE SERVICES.

75 ARE YOU JOINING THE ARMY?

YES.....1 (GO TO Q. 76)  
NO.....0 (ANSWER A)

Variable Name: Q75

Flag: F75

Tape Position: 449-450

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

A. If only the Army had offered each item listed below, would you have joined the Army instead of the service you joined today? MARK YES OR NO FOR EACH ITEM.

#### IF ONLY THE ARMY OFFERED:

\$150 more per month in  
basic pay

A two year enlistment  
contract 1 2

A general enlistment bonus  
of \$2000 1 2

### Variable Names

### Tape Positions:

Q75A1 \$150 More Pay  
Q75A2 2 Year Contract  
Q75A3 \$2000 Enlistment Bonus

451-452  
453-454  
455-456

Codes: 01 Yes  
02 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., joining Army

## 76 ARE YOU JOINING THE NAVY?

YES.....1 (GO TO Q.77)  
NO.....0 (ANSWER A)

Variable Name: Q76

Tape Position: 457-458

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

A. If only the Navy had offered each item listed below, would you have joined the Navy instead of the service you joined today?  
MARK YES OR NO FOR EACH ITEM

## IF ONLY THE NAVY OFFERED:

\$150 more per month in  
basic pay 1 2

A two year enlistment  
contract I 2

A guaranteed location for  
the first 18 months after  
training 1 2

### Variable Names:

Tape Positions:

Q76A1	\$150 More Pay	459-460
Q76A2	2 Year Contract	461-462
Q76A3	Guaranteed Location	463-464

Codes: 01 Yes  
02 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., joining Navy

## 77 ARE YOU JOINING THE AIR FORCE?

YES.....1 (GO TO Q.78)  
 NO.....0 (ANSWER A)

Variable Name: Q77

Tape Position: 465-466

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

A. If only the Air Force had offered each item listed below, would you have joined the Air Force instead of the service you joined today?  
 MARK YES OR NO FOR EACH ITEM.

YES,	NO,
I would	I would not
have joined	have joined
the Air Force	the Air Force

## IF ONLY THE AIR FORCE OFFERED:

\$150 more per month in basic pay	1	2
A two year enlistment contract	1	2
A guaranteed location for the first 18 months after training	1	2

Variable Names:

Tape Positions:

Q77A1 \$150 More Pay	467-468
Q77A2 2 Year Contract	469-470
Q77A3 Guaranteed Location	471-472

Codes: 01 Yes  
 02 No  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., joining Air Force

## 78 ARE YOU JOINING THE MARINES?

YES.....1 (GO TO Q.79)  
 NO.....0 (ANSWER A)

Variable Name: Q78                    Flag: F75                    Tape Position: 473-474

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

A. If only the Marines had offered each item listed below, would you have joined the Marines instead of the service you joined today?  
 MARK YES OR NO FOR EACH ITEM.

YES,                                    NO,  
 I would                                I would not  
 have joined                            have joined  
 the Marines                            the Marines

## IF ONLY THE MARINES OFFERED:

\$150 more per month in basic pay	1	2
A two year enlistment contract	1	2
A general enlistment bonus of \$2000	1	2

## Variable Names:

Q78A1 \$150 More Pay  
 Q78A2 2 Year Contract  
 Q78A3 \$2000 Bonus

## Tape Positions:

475-476  
 477-478  
 479-480

Codes: 01 Yes  
 02 No  
 -1 Missing or Uncodable  
 -3 Not Applicable, joining Marines

79 How did each of the people listed below feel about your enlisting in the military?

	Thought It Was A Good Idea	Thought It Was <u>Not A Good Idea</u>	I Didn't Talk To This Person or Does Not Apply To Me
--	-------------------------------	------------------------------------------	------------------------------------------------------------

A Father (or male guardian)	1	2	3
B Mother (or female guardian)	1	2	3
C Other relatives	1	2	3
D Girlfriend/boyfriend or spouse	1	2	3
E Friend(s) with military experience	1	2	3
F Friend(s) with no military experience	1	2	3
G High school counselor	1	2	3

Variable Names:

Q79A Father's Feelings	Tape Positions: 481-482
Q79B Mother's Feelings	483-484
Q79C Relative's Feelings	485-486
Q79D Girl Friend/Boy Friend/Spouse Feelings	487-488
Q79E Military Friends Feelings	489-490
Q79F Non-Military Friends Feelings	491-492
Q79G Counselor's Feelings	493-494

Codes: 01 Good Idea  
 02 Not Good Idea  
 03 Doesn't Apply/Didn't Talk to Person  
 -1 Missing or Uncodable

80 Here are some reasons people have for choosing the service they join. Please mark if each one is TRUE or NOT TRUE for you.

	TRUE FOR ME	NOT TRUE FOR ME
I chose my service because I have friends or relatives who had joined my service	1	0
I chose my service because it offered the short enlistment period I wanted	1	0
I chose my service because it offered the kind of military job I wanted	1	0
I chose my service because it offered the best locations for assignments after training	1	0
I chose my service because it offered enlistment bonuses	1	0

## Variable Names:

	Tape Positions:
Q80A Serv. Choice: Friends/Relatives	495-496
Q80B Serv. Choice: Short Enlistment	497-498
Q80C Serv. Choice: Military Job	499-500
Q80D Serv. Choice: Best Locations	501-502
Q80E Serv. Choice: Enlistment Bonus	503-504

Codes: 01 True For Me  
00 Not True For Me  
-1 Missing or Uncodable

81 If you were not able to enlist in the service you joined today, which services would you try to join? MARK ALL THAT APPLY.

Army.....	1
Navy.....	1
Air Force.....	1
Marines.....	1
I would not try to join another service.....	1

Variable Names:

Flag: F81 Tape Positions:

Q81A	If ineligible would join Army	505-506
Q81B	If ineligible would join Navy	507-508
Q81C	If ineligible would join Air Force	509-510
Q81D	If ineligible would join Marines	511-512
Q81E	If ineligible would not join	513-514

Codes: 00 Not Marked

01 Yes

-1 Missing or Uncodable

Note: See Note Q19A-Q19F.

82 Do you think you will reenlist at the end of your first enlistment?

Mark One

Yes, definitely.....	1
Yes, probably.....	2
No, probably not.....	3
No, definitely not.....	4

Variable Name: Q82

Tape Position: 515-516

Codes: 01-04 As Above

-1 Missing or Uncodable

83 Altogether, how long do you think you will stay on active duty in the military?

Mark One

Less than 4 years.....	1
4 - 9 years.....	2
10 - 19 years.....	3
20 years or more.....	4

Variable Names: Q83

Tape Position: 517-518

Codes: 01-04 As Above  
-1 Missing or Uncodable

84 How satisfied or dissatisfied do you think you will be with military life? Use the line below to record your answer. People who expect to be Very Satisfied would circle 7. People who think they will be Very Dissatisfied would circle 1. Other people may have opinions somewhere between 1 and 7. Mark one number on the line below.

VERY  
DISSATISFIEDVERY  
SATISFIED

o\_\_\_\_\_o\_\_\_\_\_o\_\_\_\_\_o\_\_\_\_\_o\_\_\_\_\_o\_\_\_\_\_o  
1 2 3 4 5 6 7

Variable Name: Q84

Tape Position: 519-520

Codes: 01-07 As Above  
-1 Missing or Uncodable

85 What time is it now?

TIME: \_\_\_\_\_

Note: Information not coded, used to calculate XV4.

## Extra Variable

XV4 Minutes for completion

Variable Name: XV4

Tape Position: 521-522

Codes: 00 -99 Minutes  
-1 Missing or Uncodable  
-4 Incomplete data entered by R

Note: Editing staff calculated time required for completion on the basis of respondent entries at the beginning and end of the questionnaire.

## Extra Variable

XV5 AFEES Identification Number

AFEES Identification

Number	Location	Location	Number
01	Portland	ME	Albany
02	Manchester	NH	Albuquerque
03	Boston	MA	Amarillo
04	Springfield	MA	Atlanta
05	New Haven	CT	Beckley
06	Albany	NY	Boise
07	Brooklyn	NY	Boston
08	Newark	NJ	Brooklyn
09	Philadelphia	PA	Buffalo
10	Syracuse	NY	Butte
11	Buffalo	NY	Charlotte
12	Wilkes-Barre	PA	Chicago
13	Harrisburg	PA	Cincinnati
14	Pittsburg	PA	Cleveland
15	Baltimore	MD	Columbus
16	Richmond	VA	Dallas
17	Beckley	WV	Denver
18	Knoxville	TN	Des Moines
19	Nashville	TN	Detroit
20	Louisville	KY	El Paso
21	Cincinnati	OH	Fargo
22	Columbus	OH	Ft. Jackson
23	Cleveland	OH	Fresno
24	Detroit	MI	Guaynabo
25	Milwaukee	WI	Harrisburg
26	Chicago	IL	Honolulu
27	Indianapolis	IN	Houston
28	St. Louis	MO	Indianapolis
29	Memphis	TN	Jackson
30	Jackson	MS	Jacksonville
31	New Orleans	LA	Kansas City
32	Montgomery	AL	Knoxville
33	Atlanta	GA	Linthicum
34	Ft. Jackson	SC	Little Rock
35	Jacksonville	FL	Los Angeles
36	Miami	FL	Louisville
37	Charlotte	NC	Manchester
38	Raleigh	NC	Memphis
39	Shreveport	LA	Miami
40	Dallas	TX	Milwaukee
41	Houston	TX	Minneapolis
42	San Antonio	TX	Montgomery
43	Oklahoma City	OK	Nashville

44	Amarillo	TX	Newark	NJ	08
45	Little Rock	AR	New Haven	CT	05
46	Kansas City	MO	New Orleans	LA	31
47	Des Moines	IA	Oakland	CA	62
48	Minneapolis	MN	Oklahoma City	OK	43
49	Fargo	ND	Omaha	NB	51
50	Sioux Falls	SD	Philadelphia	PA	09
51	Omaha	NB	Phoenix	AZ	55
52	Denver	CO	Pittsburgh	PA	14
53	Albuquerque	NM	Portland	ME	01
54	El Paso	TX	Portland	OR	61
55	Phoenix	AZ	Raleigh	VA	38
56	Salt Lake City	UT	Richmond	VA	16
57	Butte	MT	St. Louis	MO	28
58	Spokane	WA	Salt Lake City	UT	56
59	Boise	ID	San Antonio	TX	42
60	Seattle	WA	San Diego	CA	67
61	Portland	OR	Seattle	WA	60
62	Oakland	CA	Shreveport	LA	39
63	Fresno	CA	Sioux Falls	SD	50
64	Los Angeles	CA	Spokane	WA	58
65	Honolulu	HI	Springfield	MA	04
66	Guaynabo	PR	Syracuse	NY	10
67	San Diego	CA	Wilkes-Barre	PA	12

Variable Name: KV5

Tape Position: 523-524

Codes: 01-67 See Above

-1 Missing or Uncodable

-4 Incomplete or out-of-range data entered by R

Note: Editing staff assigned an AFEES Identification number to each questionnaire. The table above gives this assignment both in numeric and in alphabetical order.

## Extra Variable

XV6 - XV20 Highest/Lowest Indicators (See Below)

## Variable Names:

## Tape Position:

XV6	Highest Indicator for QB1	525
XV7	Highest Indicator for Q3A1	526
XV8	Lowest Indicator for Q29C3	527
XV9	Highest Indicator for Q30A	528
XV10	Lowest Indicator for Q31A2	529
XV11	Highest Indicator for Q32	530
XV12	Highest Indicator for Q33	531
XV13	Highest Indicator for Q34	532
XV14	Highest Indicator for Q39	533
XV15	Highest Indicator for Q42	534
XV16	Lowest Indicator for Q48B	535
XV17	Lowest Indicator for Q49B	536
XV18	Lowest Indicator for Q71C2	537
XV19	Lowest Indicator for Q72C2	538
XV20	Lowest Indicator for Q74B	539

Codes: 1 Highest/Lowest logic applied  
 0 Logic not required

Note: For a subset of items, the contractor was provided with instructions for resolving respondent multiple entries. If only one response was required but the respondent marked two, the contractor coded either the highest or lowest value, depending on the item. Whenever the multiple logic instruction was used, a code was set in one of the above variables, XV6 - XV20.

## VI. ITEM-BY-ITEM SPECIFICATIONS FOR 1979 DOD SURVEY OF PERSONNEL

## ENTERING MILITARY SERVICE: FORM 2

This section contains the detailed information necessary for using specific variables from this questionnaire for analysis. Each question from the survey instrument is reproduced as it appears on the printed questionnaire, modified somewhat from the optical scanning forms which were used in the actual data collection. The format and conventions used in this section are identical to those described in the introduction to Section V, pages 29-31. The manual user is encouraged to refer to those pages before using the material in this section.

## COVER PAGE

DoD-MRAL Emblem

RCS #DD-M(SA)-1516  
FORM 2DEPARTMENT OF DEFENSE  
1979 SURVEY OF PERSONNEL ENTERING MILITARY SERVICE

The Department of Defense is conducting a survey of people entering military service. You have been selected to participate in this important survey. Please read the instructions below before you begin the questionnaire.

## Note:

Public Law 93-573, called the Privacy Act of 1974, requires that all individuals be informed of the purposes and uses to be made of the information that is collected.

- o The Department of Defense may collect the information requested in the DoD Survey of Personnel Entering Military Service under the authority of 10 United States Code 136.
- o Providing information in this questionnaire is voluntary. Failure to respond to any particular questions will not result in any penalty for the respondent.
- o The information collected in the survey will be used to evaluate and improve military personnel and recruiting policies.
- o The information will be used for research and analysis purposes only. The Rand Corporation under contract to the Assistant Secretary of Defense - Manpower, Reserve Affairs and Logistics (OASD-MRA+L), has primary research and analysis responsibility.

## HOW TO FILL OUT THIS SURVEY

- I. Use a NO. 2 PENCIL.
- II. Read each question carefully. Make a HEAVY BLACK MARK that FILLS THE CIRCLE next to your answer.
- III. If the question asks for a DATE, mark the MONTH AND YEAR.

EXAMPLE: When did you first talk to this recruiter? Mark the Month and Year. If you talked to this recruiter in APRIL 1978, you would mark your answer as shown below.

-----MONTH-----		-----YEAR-----	
( ) January	( ) July	( ) 1979	( ) 1973
( ) February	( ) August	( ) 1978	( ) 1972
( ) March	( ) September	( ) 1977	( ) 1971
( ) April	( ) October	( ) 1976	( ) 1970 or before
( ) May	( ) November	( ) 1975	
( ) June	( ) December	( ) 1974	

- IV. If the question asks for a NUMBER, you should do THREE THINGS:

- o Write the numbers in the BOXES, making sure that the LAST NUMBER is always placed in the RIGHT-HAND BOX.
- o FILL in the UNUSED BOXES with ZEROS.
- o Mark the MATCHING CIRCLE BELOW EACH BOX.

EXAMPLE: About how much did you earn per hour at your last job? Suppose you earned \$ 2.50 per hour. You would enter the number as shown below.

	<u>DOLLARS</u>	<u>CENTS</u>
\$	02	50
	00	00
	11	11
	22	22
	....ETC.	

- V. Some questions also contain instructions about what to do next. The instruction depends on the answer you mark.

Q.46. Since you were 16 years old have you ever had a full time or part time job?

( ) Yes - ANSWER Q. 47-53  
 ( ) No - GO TO Q.54

EXAMPLE: Suppose you have never had a full time or part time job. You would mark your answer as shown, then GO TO Q.54. This instruction tells you that you should leave Qs. 47-53 BLANK, and start answering again at Q.54. In many of these questions, arrows will point to the next question you should answer.

Extra Variable

XV1 Questionnaire Form Code

Variable Name: XV1

Tape Position: 1

Codes: 2 Form 2

Note: A variant code was assigned to each questionnaire during the processing.

Extra Variable

XV2 Questionnaire Processing Number

Variable Name: XV2

Tape Position: 2-7

Codes: 000001 - 999999 Sequential number

Note: A unique questionnaire number was assigned during the processing.

I. YOUR ENLISTMENT

A. What time is it now?

TIME: \_\_\_\_\_

Note: Information not coded, used to calculate XV4,  
tape positions 595-596.

B What is today's date?

MONTH	DAY
January.....01	1
February.....02	1
March.....03	
April.....04	
May.....05	
June.....06	
July.....07	
August.....08	
September.....09	
October.....10	
November.....11	
December.....12	

Variable Name: QB1 (Month) Flag: FB1 Tape Position: 8-9

Codes: 01-12 January-December  
-1 Missing or Uncodable

Notes: If more than one month marked, the highest number will be selected. If the highest number is selected XV6=1, tape position 599. Wave 1 was administered April-June, 1979 depending on the AFEES.

Variable Name: QB2 (Day) Tape Position: 10-11

Codes: 01-31 Day of Month  
-1 Missing or Uncodable  
-4 Incomplete or out of range data entered by R

1 Which service are you enlisting in today?

Mark One

Army.....1  
Navy.....2  
Air Force.....3  
Marines.....4

Variable Name: Q1

Flag: F1

Tape Position: 12-13

Codes: 01-04 As Above  
-1 Missing or Uncodable

2 Is this sentence TRUE or NOT TRUE for you?

Today is the FIRST TIME I have ever been sworn into the military.  
(Mark One)

TRUE for me.....1 (GO TO Q.3)  
NOT TRUE for me.....0 (SEE SPECIAL INSTRUCTIONS BELOW)

SPECIAL INSTRUCTIONS: IF YOU HAVE EVER BEEN SWORN INTO THE  
MILITARY BEFORE TODAY, PLEASE TELL THE SURVEY ADMINISTRATOR NOW.  
DO NOT CONTINUE THE SURVEY.

Variable Name: Q2

Flag: F2

Tape Position: 14-15

Codes: 01 True For Me, First Swearing In  
00 Not True For Me, Not First Swearing In  
-1 Missing or Uncodable

Note: Rs who marked Code 01 may not be eligible for survey.  
See discussion of sample.

## 3 Are you shipping out TODAY?

Mark One

Yes.....1 (GO TO Q.4)  
 No.....0 (ANSWER A AND B)

Variable Name: Q3

Flag: F3

Tape Position: 16-17

Codes: 01 Yes  
 00 No  
 -1 Missing or Uncodable

Note: QUESTIONS 3A AND 3B ARE NOT ANSWERED BY ALL RESPONDENTS.  
 SEE QUESTION 3 FOR SKIP INSTRUCTIONS.

## A When will you enter active duty (ship out)?

MONTH

DAY

YEAR

January.....	01	<input type="text"/>	1979... 79
February.....	02	<input type="text"/>	1980... 80
March.....	03	<input type="text"/>	
April.....	04	<input type="text"/>	
May.....	05	<input type="text"/>	
June.....	06	<input type="text"/>	
July.....	07	<input type="text"/>	
August.....	08	<input type="text"/>	
September.....	09	<input type="text"/>	
October.....	10	<input type="text"/>	
November.....	11	<input type="text"/>	
December.....	12	<input type="text"/>	

Variable Name: Q3A1 (Month)

Tape Position: 18-19

Codes: 01-12 January-December  
 -1 Missing  
 -3 Not Applicable, i.e., shipping out today

Note: If more than one month marked, highest number will be selected. If highest number selected XV7=1, tape position 600.

Variable Name: Q3A2 (Day)

Tape Position: 20-21

Codes: 01-31 Day of Month  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., shipping out today  
 -4 Incomplete or out-of-range data entered by R

Variable Name: Q3A3 (Year)

Tape Position: 22-23

Codes: 79 1979  
 80 1980  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., shipping out today

B What is the main reason you are waiting to enter active duty?

Mark One

I want to finish school.....1  
 I want to keep working until that time.....2  
 The job or location I wanted is not  
 available until that time.....3  
 I need time to take care of business and  
 personal affairs.....4  
 I want to take some time off before I  
 go into the military.....5  
 I am waiting for military transportation.....6

Variable Name: Q3B

Tape Position: 24-25

Codes: 01-06 As Above  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., shipping out today

4 How many years of active duty  
 have you signed up for? Mark the number below.

1 year or less.....01  
 2 years.....02  
 3 years.....03  
 4 years.....04  
 5 years.....05  
 6 years.....06  
 7 years.....07  
 8 years.....08

I don't know.....-8

Variable Name: Q4

Tape Position: 26-27

Codes: 01-08 Years, As Above  
-8 Don't Know  
-1 Missing or Uncodable

Note: Rs who marked Code 01 may not be eligible for survey.  
See discussion of sample.

5 When I enter active duty, my MONTHLY BASIC PAY will be:

  |\_\_\_\_\_| PER  
\$ |\_\_\_\_\_| MONTH

I don't know.....-8

Variable Name: Q5

Tape Position: 28-30

Codes: 100-900 \$100-900  
-8 Don't Know  
-1 Missing or Uncodable  
-4 Incomplete or out of range data entered by R

6 Below are some reasons that people join the military. Please tell us if each one is TRUE or NOT TRUE for you.

	<u>TRUE FOR ME</u>	<u>NOT TRUE FOR ME</u>
A. I enlisted because I can get money for a college education	1	0
B. I enlisted to get trained in a skill that will help me get a civilian job when I get out	1	0
C. I enlisted to prove that I can make it	1	0
D. I enlisted because it is a family tradition to serve	1	0
E. I enlisted because I can earn more money than I could as a civilian	1	0
F. I enlisted because I want to serve my country	1	0
G. I enlisted to get away from a personal problem	1	0
H. I enlisted because I want to travel and live in different places	1	0
I. I enlisted because the military will give me a chance to better myself in life	1	0
J. I enlisted to give myself a chance to be away from home on my own	1	0
K. I enlisted because I was unemployed and couldn't find a job	1	0

Variable Names:

Tape Positions:

Q6A	31-32
Q6B	33-34
Q6C	35-36
Q6D	37-38
Q6E	39-40
Q6F	41-42
Q6G	43-44
Q6H	45-46
Q6I	47-48
Q6J	49-50
Q6K	51-52

Codes: 01 True For Me  
 00 Not True For Me  
 -1 Missing or Uncodable

7 Which of the reasons in Q. 6 is your MOST IMPORTANT REASON for enlisting? MARK ONE LETTER BELOW.

MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q7

Flag: F7

Tape Position: 53-54

Codes: 01=A

02=B

03=C

04=D

05=E

06=F

07=G

08=H

09=I

10=J

11=K

-1 Missing or Uncodable

Note: See Variables Q6A-Q6K for definitions of letter codes.

8 Which of the reasons in Q 6. is your SECOND MOST IMPORTANT reason for enlisting? MARK ONE LETTER BELOW.

SECOND MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q8

Flag: F8

Tape Position: 55-56

Codes: 01=A

02=B

03=C

04=D

05=E

06=F

07=G

08=H

09=I

10=J

11=K

-1 Missing or Uncodable

Note: See Variables Q6A-Q6K for definitions of letter codes.

9 If you were eligible to enlist in all four services, which service would be your first choice? Your second choice? Third? Fourth? Mark One Service for Each Choice.

1st Choice	2nd Choice	3rd Choice	4th Choice
Army ( 1 )			
Navy ( 2 )			
Air Force ( 3 )			
Marines ( 4 )			

## Variable Names:

Q9A 1st Choice  
 Q9B 2nd Choice  
 Q9C 3rd Choice  
 Q9D 4th Choice

## Tape Positions:

57-58  
 59-60  
 61-62  
 63-64

Codes: 01 Army  
 02 Navy  
 03 Air Force  
 04 Marines  
 -1 Missing or Uncodable

10 The next question is about your military job. Please tell us if each thing listed below is TRUE or NOT TRUE for you.

TRUE FOR ME	NOT TRUE FOR ME
----------------	--------------------

I knew the kind of military job I wanted before I came in today

1	0
---	---

I knew the kind of military job I qualified for before I came in today

1	0
---	---

I didn't qualify for the kind of military job I wanted

1	0
---	---

The counselor told me about several jobs I didn't want

1	0
---	---

A job I wanted wasn't available for the time I wanted to go

1	0
---	---

The counselor told me which military job was best for me

1	0
---	---

The military job I got is different from the kind I had in mind

1	0
---	---

The kind of military job I got didn't really matter to me

1	0
---	---

Variable Names:

Tape Positions:

Q10A	Knew Job Wanted	65-66
Q10B	Knew Job Qualified For	67-68
Q10C	Didn't Qualify for Job Wanted	69-70
Q10D	Counselor Told About Several Jobs	71-72
Q10E	Job Wasn't Available for Time Wanted	73-74
Q10F	Counselor Told Which Job Best	75-76
Q10G	Job Different From Wanted	77-78
Q10H	Job Didn't Matter	79-80

Codes: 01 True for Me  
00 Not True for Me  
-1 Missing or Uncodable

11 How satisfied are you with the military job you signed up for?

Mark One

Very satisfied.....1  
Somewhat satisfied.....2  
Neither satisfied nor dissatisfied...3  
Somewhat dissatisfied.....4  
Very dissatisfied.....5

Variable Name: Q11

Tape Position: 81-82

Codes: 01-05 As Above  
-1 Missing or Uncodable

12 If you could choose the number of years of your first enlistment, how many years of active duty would you sign up for? Mark Number Below.

1 year	6 years
2 years	7 years
3 years	8 years
4 years	9 years
5 years	10 years

Variable Name: Q12

Tape Position: 83-84

Codes: 01-10 1-10 Years  
-1 Missing or Uncodable

13 After you finish your job training where do you think you will be stationed?

At a base overseas.....1  
At Sea.....2  
IN THE U.S:  
    less than 100 miles from  
    where I live now.....3  
    100-500 miles from where I live now.....4  
    More than 500 miles from where I live  
    now.....5

Variable Name: Q13

Tape Position: 85-86

Codes: 01-05 As Above  
-1 Missing or Uncodable

14 As part of your enlistment contract, did you get a GUARANTEED LOCATION for your first assignment after you finish your job training?

Yes.....1  
No.....0

Variable Name: Q14

Tape Position: 87-88

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

15 Suppose a new enlistee were unhappy with military life. How easy or difficult do you think it would be for him (or her) to get out of the military before the end of the enlistment period that he (or she) signed up for?

Mark One

Very easy.....1  
Fairly easy.....2  
Somewhat difficult.....3  
Very difficult.....4  
Almost impossible.....5

Variable Name: Q15

Tape Position: 89-90

Codes: 01-05 As Above  
-1 Missing or Uncodable

II. FACTS ABOUT YOU

16 Are you male or female?

Male.....1  
Female.....2

Variable Name: Q16

Flag: F16

Tape Position: 91-92

Codes: 01 Male  
02 Female  
-1 Missing or Uncodable

17 Which of these best describes your physical condition and athletic ability?

Mark One

Far above average.....1  
Above average.....2  
Slightly above average.....3  
Slightly below average.....4  
Below average.....5  
Far below average.....6

Variable Name: Q17

Tape Position: 93-94

Codes: 01-06 As Above  
-1 Missing or Uncodable

18 What is your Social Security Number? (Enter number below)

A row of 10 empty rectangular boxes, each with a dashed horizontal line through the middle, intended for children to practice writing their names.

Variable Name: Q18 Flag: F18 Tape Position: 95-103

Codes: 000000000-  
999999999 SSN  
-1 Missing or Uncodable  
-4 Incomplete or out of range data entered by R

19 When were you born?

MONTH	DAY	YEAR
January.....01		
February.....02		
March.....03		
April.....04		
May.....05		
June.....06		
July.....07		
August.....08		
September.....09		
October.....10		
November.....11		
December.....12		

Variable Name: Q19A (Month)

Tape Position: 104-105

Codes: 01-12 January-December  
-1 Missing or Uncodable

Variable Name: Q19B (Day)

Tape Position: 106-107

Codes: 01-31 Day of Month  
-1 Missing or Uncodable  
-4 Incomplete or out of range data entered by R

Variable Name: Q19C (Year) Flag: 19C Tape Position: 108-109

Codes: 44-62 Year, 1944-1962  
-1 Missing or Uncodable  
-4 Incomplete or out of range data entered by R

20 Which of these describes you best?

I AM:  Mark One

Afro-American/Black/Negro.....	1
American Indian/Alaskan Native.....	2
Hispanic/Puerto Rican/Mexican/Cuban/Latino/Chicano/	
Other Spanish.....	3
Oriental/Asian/Chinese/Japanese/Korean/Filipino/Pacific	
Islander.....	4
White/Caucasian.....	5
Other (please specify in the space below).....	6

Variable Name: Q20 Flag: F20 Tape Position: 110-111

Codes: 01-06 As Above  
-1 Missing or Uncodable

21 Follow the instructions carefully for questions A, B, and C below.

A Where were you born? Mark the A next to the name of the correct state or foreign country.

B Where do you live now? Mark the B next to the name of the correct state.

C Where were you living when you decided to enlist? Mark the C next to the name of the correct state.

Alabama.....	01	Montana.....	27
Alaska.....	02	Nebraska.....	28
Arizona.....	03	Nevada.....	29
Arkansas.....	04	New Hampshire.....	30
California.....	05	New Jersey.....	31
Colorado.....	06	New Mexico.....	32
Connecticut.....	07	New York.....	33
Delaware.....	08	North Carolina.....	34
District of Columbia (DC)...	09	North Dakota.....	35
Florida.....	10	Ohio.....	36
Georgia.....	11	Oklahoma.....	37
Hawaii.....	12	Oregon.....	38
Idaho.....	13	Pennsylvania.....	39
Illinois.....	14	Rhode Island.....	40
Indiana.....	15	South Carolina.....	41
Iowa.....	16	South Dakota.....	42
Kansas.....	17	Tennessee.....	43
Kentucky.....	18	Texas.....	44
Louisiana.....	19	Utah.....	45
Maine.....	20	Vermont.....	46
Maryland.....	21	Virginia.....	47
Massachusetts.....	22	Washington.....	48
Michigan.....	23	West Virginia.....	49
Minnesota.....	24	Wisconsin.....	50
Mississippi.....	25	Wyoming.....	51
Missouri.....	26		

FOREIGN COUNTRIES

Africa.....	52
Asia.....	53
Central or South America..	54
Europe.....	55
Mexico.....	56
Philippines.....	57
Puerto Rico.....	58
Other Caribbean.....	59
Other.....	60

Variable Name: Q21A Tape Position: 112-113

Codes: 01-60 See List Above  
-1 Missing or uncodable

Variable Name: Q21B Tape Position: 114-115

Codes: 01-60 See List Above  
-1 Missing or uncodable

Variable Name: Q21C Tape Position: 116-117

Codes: 01-60 See List Above  
-1 Missing or uncodable

Note: Optical scanning form provided coding "bubbles" next to the name of each location or foreign country for each part of the question; e.g.,

A B C Alabama

A B C Alaska

22 What COUNTY were you living in when you decided to enlist?  
Write the name of the county in the space below.

COUNTY| \_\_\_\_\_

I don't know the name of the county.....-8

Variable Name: Q22

Tape Position: 118-119

Codes: -8 Doesn't Know County  
-3 Blank, see Note

Note: Optical scanning process could not distinguish between questionnaires on which the County was written in and those which were left blank by the respondent. A code of -3 therefore simply indicates that the respondent did not mark the "Don't Know" category. This item could be used in a manual verification of Zip Codes (Q23) or as a method of filling in missing values of Q.23.

23 What is the ZIP CODE of the place where you were living when you decided to enlist? RECORD ZIP CODE-in the box to the right.

ZIP CODE


I don't know the Zip Code.....-8

Variable Name: Q23

Tape Position: 120-124

Codes:

00000-99999	Zip Code
-8	Don't Know
-1	Missing or uncodable
-4	Incomplete or out of range data entered by R

24 Who were you living with when you were 14 years old?  
(Mark all that apply)

EXAMPLE: If you lived with your mother and stepfather, mark 1 and 4.

My own mother.....1  
My own father.....1  
My stepmother.....1  
My stepfather.....1  
Grandparent(s).....1  
Other male relative (adult).....1  
Other female relative (adult).....1  
Persons not related to me.....1

IF YOU WERE LIVING WITH BOTH YOUR OWN MOTHER AND FATHER, GO TO Q.25.

Variable Names:

	Tape Positions:
Q24A Mother	125-126
Q24B Father	127-128
Q24C Stepmother	129-130
Q24D Stepfather	131-132
Q24E Grandparent(s)	133-134
Q24F Other Male Relative	135-136
Q24G Other Female Relative	137-138
Q24H Persons Not Related	139-140

Codes: 01 Yes  
-1 Missing or uncodable  
00 Not Marked

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked but that another category in the series was marked. Code -1 Missing, is assigned only in those cases where the respondent left all the response categories of the question blank.

NOTE: QUESTION 24A(1) WAS NOT ANSWERED BY ALL RESPONDENTS.  
SEE QUESTION 24 FOR SKIP INSTRUCTIONS.

IF YOU WERE NOT LIVING WITH BOTH YOUR OWN MOTHER AND FATHER,  
ANSWER A.

A Why didn't you live with both your own parents?

Mark One

One or both parents died.....1  
Parents were divorced.....2  
Parents were separated.....3  
Father was away in the  
military.....4  
One or both parents were  
in an institution.....5  
Other.....6

Variable Name: Q24A1

Tape Position: 141-142

Codes: 01-06 As Above  
-1 Missing or uncodable  
-3 Not Applicable, i.e., living with own parents

25 Who are you living with now?

Mark All That Apply

My own mother.....	1
My own father.....	1
My stepmother.....	1
My stepfather.....	1
Grandparent(s).....	1
Other relative(s).....	1
My spouse.....	1
My inlaws.....	1
Person(s) not related to me.....	1
By myself.....	1

## Variable Names:

	Flags: F25A	Tape Positions:
Q25A	Mother	143-144
Q25B	Father	145-146
Q25C	Stepmother	147-148
Q25D	Stepfather	149-150
Q25E	Grandparent(s)	151-152
Q25F	Other Relatives	153-154
Q25G	Spouse	155-156
Q25H	Inlaws	157-158
Q25I	Unrelated Person(s)	159-160
Q25J	Myself	161-162

Codes: 01 Yes  
 -1 Missing or uncodable  
 00 Not Marked

See Note: Q24A-24H.

26 When did you last live with parents, guardians or other relatives? Mark month and year below.

I live with them now.....1

MONTH YEAR

January.....	01	1979.....	79
February.....	02	1978.....	78
March.....	03	1977.....	77
April.....	04	1976.....	76
May.....	05	1975.....	75
June.....	06	1974.....	74
July.....	07	1973.....	73
August.....	08	1972.....	72
September....	09	1971.....	71
October.....	10	1970.....	70
November.....	11	Before 1970..	69
December.....	12		

Variable Name: Q26A Flag: F26A Tape Position: 163-164

Codes: 01 Live With Parents Now  
00 Does Not Live With Parents  
-1 Missing or uncodable

Note: R was coded as not living with parents, i.e., Q26A = 00 if valid codes were entered in Q26C and the "bubble" next to "I live with them now" was left blank.

Variable Name: Q26B (Month) 165-166

Codes: 01-12 January-December  
-1 Missing or uncodable  
-3 Not Applicable, i.e., 026A = 01

Variable Name: Q26C (Year) 167-168

Codes: 79-69 Year  
-1 Missing or uncodable  
-3 Not Applicable, i.e., Q26A = 01

Note: If more than one year marked, lowest number selected.  
If lowest selected, XV8=1, tape position 601.

27 In all, how many states and foreign countries have you ever lived in? Mark One Number Below.

1 2 3 4 5 6 7 8 9 or more

Variable Name: Q27

Tape Position: 169-170

Codes: 01-08 No. of States and Countries  
09 More Than 9 States and Countries  
-1 Missing or uncodable

IV. YOUR EDUCATION

28 Are you now enrolled in regular school, that is, high school or college?

Mark One

Yes, I now attend full time.....1 (GO TO Q.29)

Yes, I now attend part time.....2 (GO TO Q.29)

No, I don't attend school now...0 (ANSWER A AND B)

Variable Name: Q28

Tape Positon: 171-172

Codes: 01 Yes, Full Time  
 02 Yes, Part Time  
 00 No  
 -1 Missing or uncodable

NOTE: QUESTIONS 28A AND 28B ARE NOT ANSWERED BY ALL RESPONDENTS.  
 SEE QUESTION 28 FOR SKIP INSTRUCTIONS.

A When did you last attend regular school?

MONTH	YEAR
-------	------

January..... 01	1979..... 79
February..... 02	1978..... 78
March..... 03	1977..... 77
April..... 04	1976..... 76
May..... 05	1975..... 75
June..... 06	1974..... 74
July..... 07	1973..... 73
August..... 08	1972..... 72
September.... 09	1971..... 71
October..... 10	1970..... 70
November..... 11	Before 1970.. 69
December..... 12	

Variable Name: Q28A1 (Month)

Tape Position: 173-174

Codes: 01-12 January-December  
 -1 Missing or uncodable  
 -3 Not Applicable, i.e., in school

Variable Name: Q28A2 (Year)

Tape Position: 175-176

Codes: 79-70 Year,  
 69 Before 1979-1970  
 -1 Missing or uncodable  
 -3 Not Applicable, i.e., in school

Note: If more than one year marked, lowest year selected.  
 If lowest year selected XV9=1, tape position 602.

B Were you attending school full time or part time?

Mark One

Full time.....1  
 Part time.....2

Variable Name: Q28B

Tape Position: 177-178

Codes: 01 Full Time  
 02 Part Time  
 -1 Missing or uncodable  
 -3 Not Applicable, i.e., in school

29 WHEN YOU ENTER ACTIVE DUTY, what is the highest grade or year of regular school you will have COMPLETED? (If you have a GED, mark the last grade you completed in regular school.)

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8 or more

Variable Name: Q29

Flag: F29

Tape Position: 179-180

Codes: 01-08 Elementary  
 09-12 High School (1-4 Years)  
 13-20 College Credit (1-8 Years)  
 -1 Missing or uncodable

Note: If more than one grade marked, highest selected.  
 If highest selected, XV10=1, tape position 603.

30 When I enter active duty, the highest degree or diploma I will have is:

Mark One

- A B.A. or B.S. degree.....1 (GO TO Q.33)
- Associate degree (A.A.)
  - from a Junior College.....2 (GO TO Q.33)
- A high school diploma.....3 (GO TO Q.33)
- A GED Certificate.....4 (ANSWER Q.31 AND 32)
- None of the above.....5 (ANSWER Q.31 AND 32)

Variable Name: Q30

Tape Position: 181-182

Codes: 01-05 As Above  
-1 Missing or uncodable

Note: If more than one degree marked, highest selected.  
If highest selected, XV11=1, tape position 604.

NOTE: QUESTIONS 31 AND 32 ARE NOT ANSWERED BY ALL RESPONDENTS (RESPONDENTS WITH A BA, BS DEGREE, AN ASSOCIATE DEGREE OR A HIGH SCHOOL DIPLOMA DO NOT ANSWER THESE QUESTIONS). SEE QUESTION 30 FOR SKIP INSTRUCTIONS.

31 Why did you decide not to finish high school?

Mark All That Apply

- A. My family needed money or needed me at home.....1
- B. I was expelled or suspended.....1
- C. I found a job I liked.....1
- D. I was bored, wasn't learning anything useful.....1
- E. I got married or had a child.....1
- F. I was getting bad grades.....1
- G. I didn't get along with the other students.....1
- H. The rules were too strict.....1
- I. I wasn't going to graduate on time.....1
- J. I didn't get along with the teachers, counselors or principal.....1
- K. I wanted to work full time.....1

Variable Names:

Variable Names:	Tape Positions:
Q31A Needed Money	183-184
Q31B Expelled	185-186
Q31C Found Job	187-188
Q31D Bored	189-190
Q31E Married	191-192
Q31F Bad Grades	193-194
Q31G Other Students	195-196
Q31H Strict Rules	197-198
Q31I Late Graduation	199-200
Q31J Teachers	201-202
Q31K Work Full Time	203-204

Codes: 00 Not Marked

01 Yes

-1 Missing or uncodable

-3 Not Applicable, i.e. finished high school

Note: In processing items which ask the respondent to "Mark all that Apply", each response category is treated as a separate variable. Code 01 indicates that the response category was marked and Code 00 indicates that the specific response category was not marked but that another category in the series was marked. Code -1 Missing, is assigned only in those cases where the respondent left all the response categories of the question blank.

32 Which of the reasons in Q.31 was the MOST IMPORTANT REASON why you decided not finish high school? MARK ONE LETTER BELOW.

## MOST IMPORTANT REASON

A B C D E F G H I J K

Variable Name: Q32 Flag: F32 Tape Position: 205-206

Codes: 01=A  
02=B  
03=C  
04=D  
05=E  
06=F  
07=G  
08=H  
09=I  
10=J  
11=K

-1 Missing or uncodable  
-3 Not Applicable, i.e., finished high school

Note: See Variables Q31A-Q31K for definitions of letter codes.

33 Does (did) your high school have a special test that you must pass in order to get a high school diploma?

Yes.....1 (ANSWER A)  
No.....0 (GO TO Q.34)  
Don't know.....-8 (GO TO Q.34)

Variable Name: Q33 Tape Position: 207-208

Codes: 01 Yes  
00 No  
-8 Don't Know  
-1 Missing or uncodable

NOTE: QUESTION 33A IS NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 33 FOR SKIP INSTRUCTIONS.

A Did you pass this special test?

Yes.....1  
No.....0  
I haven't taken  
it yet.....2  
I haven't been  
told if I passed...3

Variable Name: Q33A

Tape Position: 209-210

Codes: 01 Yes  
00 No  
02 Haven't Taken  
03 Not Told if Passed  
-1 Missing or uncodable  
-3 Not Applicable, i.e., no special test

34 How would you describe the grades you make now (or were making when you were last in school)?

Mark One

Mostly A.....1  
About half A and half B.....2  
Mostly B.....3  
About half B and half C.....4  
Mostly C.....5  
About half C and half D.....6  
Mostly D.....7  
Mostly below D.....8

Variable Name: Q34

Tape Position: 211-212

Codes: 01-08 As Above  
-1 Missing or uncodable

35 Have you ever attended a vocational, technical or business school?

No.....0 (GO TO Q.36)  
Yes.....1 (ANSWER A)

Variable Name: Q35

Tape Position: 213-214

Codes: 00 No  
01 Yes  
-1 Missing or uncodable

NOTE: QUESTION 35A IS NOT ANSWERED BY ALL RESPONDENTS. SEE  
QUESTION 35 FOR SKIP INSTRUCTIONS.

A Did you complete your course?

Yes.....1  
No.....0

Variable Name: Q35A

Tape Position: 215-216

Codes: 01 Yes  
00 No  
-1 Missing or uncodable  
-3 Not Applicable, i.e., did not attend voc/tech./  
business school

36 What is the highest grade or year o. regular school you think you will ever complete in the future? (If your highest grade will be a GED Certificate, mark 12.) Mark One Below.

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q36 Flag: F36 Tape Position: 217-218

Codes: 01-08 Elementary  
09-12 High School (1-4 Years)  
13-20 College Credit (1-8 Years)  
-1 Missing or uncodable

Note: If more than one grade marked, highest selected.  
If highest selected, XV 12=1, tape position 605.

IV. MARRIAGE AND CHILDREN

NOTE: QUESTIONS IN THIS SECTION ARE NOT ANSWERED BY ALL RESPONDENTS, DEPENDING ON RESPONSE TO QUESTION 37 (MARITAL STATUS).

- IF MARRIED, RESPONDENTS SHOULD ANSWER: 37, 38, 39, 39A, 40, 41.
- IF MARRIED AND SPOUSE IN MILITARY, RESPONDENTS SHOULD ANSWER: 37, 38, 39, 40, 41.
- IF SINGLE, SEPARATED, DIVORCED OR WIDOWED, RESPONDENTS SHOULD ANSWER 37, 37A, 37B, 40, 41.

37 I am now:

Mark One

Married.....1 (GO TO Q. 38)  
 Single, never married.....2 (ANSWER A AND B)  
 Separated.....3 (ANSWER A AND B)  
 Divorced.....4 (ANSWER A AND B)  
 Widowed.....5 (ANSWER A AND B)

Variable Name: Q37

Flag: F37

Tape Position: 219-220

Codes: 01-05 As Above  
 -1 Missing or uncodable

A Are you engaged to be married?

Yes.....1  
 No.....0

Variable Name: Q37A

Flag: F37A

Tape Position: 221-222

Codes: 01 Yes  
 00 No  
 -1 Missing or uncodable  
 -3 Not Applicable, i.e., married

B How many years from now would you like to get married (or remarried)?

In less than a year.....00

1 year 2 years 3 years 4 years 5 years

6 years 7 years 8 years 9 years 10 years

I don't know.....-8

I don't plan to get married (or remarried).....-7

\*\*\* IF YOU ARE NOT MARRIED NOW, GO TO Q.40 \*\*\*

Variable Name: Q37B

Tape Position: 223-224

Codes: 00 Less Than Year  
 01-10 1-10 Years  
 -7 Don't Plan To Marry  
 -8 Don't Know  
 -1 Missing or uncodable  
 -3 Not Applicable, i.e., married

38 How long have you been married to your current spouse?

Mark One

Less than 6 months.....1  
 6 months to 1 year.....2  
 More than 1 year, but  
     less than 2.....3  
 More than 2 years, but  
     less than 3.....4  
 Three years or more.....5

Variable Name: Q38

Tape Position: 225-226

Codes: 01-05 As Above  
 -1 Missing or uncodable  
 -3 Not Applicable, i.e., not married

39 Is your spouse now on active duty in the military?

Yes.....1 (GO TO Q.40)  
No.....0 (ANSWER A)

Variable Name: Q39

Tape Position: 227-228

Codes: 01 Yes  
00 No  
-1 Missing or uncodable  
-3 Not Applicable, i.e., not married

A. Does your spouse plan to enlist in the military in  
the next 12 months?

Yes.....1  
No.....0

Variable Name: Q39A

Tape Position: 229-230

Codes: 00 Not planning  
01 Yes planning  
02 Spouse in military  
-1 Missing or uncodable  
-3 Not Applicable, i.e., not married

Note: Code 02, Spouse in Military, was assigned if R is  
married, marked Q39=01 and left Q39A blank. Code -3  
not applicable, was assigned if R is not married  
Q37 = 02-05 and this item is blank.

40 How many children do you have now? Mark Number Below.

None 1 2 3 4 5 or more

Variable Name: Q40

Tape Position: 231-232

Codes: 00-04 0-4 Children  
05 5 or More Children  
-1 Missing or uncodable

41 In all, how many children do you expect to have? (Mark One)

I don't know if I will have children.....-8

None 1 2 3 4 5 or more  
(0)

Variable Name: Q41

Flag: F41

Tape Position: 233-234

Codes: 00-04 0-4 Children  
05 5 or More Children  
-8 Don't Know  
-1 Missing or uncodable

V. WORKING AND JOBS

42 Different people want different things from a job. How important is each of these things to you?

	Not Important	Somewhat Important	Very Important
A. A job that has lots of physical work	1	2	3
B. A job that is steady, no chance of being laid off	1	2	3
C. A job where I don't have to take a lot of responsibility	1	2	3
D. A job that uses mental skills	1	2	3
E. A job where I can make a lot of money	1	2	3
F. A job where I can work with people	1	2	3
G. A job that uses mechanical skills	1	2	3
H. A job where I can be my own boss	1	2	3
I. A job where I don't have to get dirty	1	2	3
J. A job that is looked up to by others	1	2	3

Variable Names:	Tape Positions:
Q42A Physical Work	235-236
Q42B Steady Work	237-238
Q42C No Responsibility	239-240
Q42D Mental Skills	241-242
Q42E Money	243-244
Q42F Work with People	245-246
Q42G Mechanical Skills	247-248
Q42H Own Boss	249-250
Q42I Not Dirty	251-252
Q42J Looked Up To	253-254

Codes: 01 Not Important  
 02 Somewhat Important  
 03 Very Important  
 -1 Missing or uncodable

43 Which of the things in Q.42 is MOST IMPORTANT TO YOU in a job?

MOST IMPORTANT

A B C D E F G H I J

Variable Name: Q43                    Flag: F43                    Tape Position: 255-256

Codes: 01=A  
 02=B  
 03=C  
 04=D  
 05=E  
 06=F  
 07=G  
 08=H  
 09=I  
 10=J  
 -1 Missing or uncodable

Note: See Variables Q42A-Q42J for definition of letter codes.

44 Since you were 16 years old, have you ever had a full time or part time job?

No.....0 (GO TO Q.55)  
Yes.....1 (ANSWER Q.45-54)

Variable Name: Q44

Tape Position: 257-258

Codes: 00 No  
01 Yes  
-1 Missing or uncodable

NOTE: QUESTIONS 45-54 WERE NOT ANSWERED BY ALL RESPONDENTS.  
RESPONDENTS WHO HAVE NEVER HAD A FULL-TIME OR PART-TIME JOB  
DO NOT ANSWER THESE QUESTIONS.

45 Since you were 16 years old , have you had a job where you worked 30 HOURS PER WEEK OR MORE?

Yes.....1  
No.....0

Variable Name: Q45

Flag: F45

Tape Position: 259-260

Codes: 01 Yes  
00 No  
-1 Missing or uncodable  
-3 Not Applicable

Note: Code -3, Not Applicable in Q45, Q46, Q47, Q48A and Q48B, Q49, Q50, Q51, Q52, Q53, Q54 indicates that R did not have a full time or part time job since age 16.

46 Since you were 16 years old, how many different employers have you worked for?

1 2 3 4 5 or more

Variable Name: Q46

Tape Position: 261-262

Codes: 01-04 1-4 Employers  
05 5 or More Employers  
-1 Missing or uncodable  
-3 Not Applicable

NOTE: QUESTION 47 IS NOT ANSWERED BY ALL RESPONDENTS. SEE QUESTION 47 FOR SKIP INSTRUCTIONS. (ALSO SEE NOTE AT QUESTION 45).

\*\*\* IF YOU HAVE HAD ONLY ONE EMPLOYER, GO TO Q.48. \*\*\*

47 Below are some reasons people have for leaving jobs. Since you were 16 years old, have you ever left a job for any of these reasons?

I LEFT A JOB BECAUSE: (Mark all that apply)

- A. I got sick.....1
- B. I was fired.....1
- C. The pay was not good.....1
- D. I was laid off.....1
- E. The rules were too strict.....1
- F. I didn't get along with my co-workers.....1
- G. I moved to another location.....1
- H. I didn't get along with my supervisor.....1
- I. I got married.....1
- J. There was no chance to get ahead.....1
- K. The work was too hard.....1
- L. The working conditions were bad (dangerous, hot, dusty, noisy, etc.).....1
- M. I went back to school.....1

## Variable Names:

		Tape Positions:
Q47A	Sick	263-264
Q47B	Fired	265-266
Q47C	Bad Pay	267-268
Q47D	Laid Off	269-270
Q47E	Strict Rules	271-272
Q47F	Co-workers	273-274
Q47G	Moved	275-276
Q47H	Supervisor	277-278
Q47I	Married	279-280
Q47J	No Chance Advancement	281-282
Q47K	Work Too Hard	283-284
Q47L	Bad Conditions	285-286
Q47M	Back to School	287-288

## Codes: 00 Not Marked

01 Yes, Marked Reason

02 Had Only One Employer

-1 Missing

-3 Not Applicable (see Note Q45)

48 QUESTIONS 48 - 54 ARE ABOUT THE JOB YOU HAVE NOW OR THE JOB YOU HAD THE LAST TIME YOU WORKED.

When did you start working at this job?

MONTH	YEAR
January..... 01	1979..... 79
February..... 02	1978..... 78
March..... 03	1977..... 77
April..... 04	1976..... 76
May..... 05	1975..... 75
June..... 06	1974..... 74
July..... 07	1973..... 73
August..... 08	1972..... 72
September.... 09	1971..... 71
October..... 10	1970..... 70
November.... 11	Before 1970.. 69
December.... 12	

Variable Name: Q48A (Month) Flag: F48A Tape Position: 289-290

Codes: 01-12 January-December  
-1 Missing or uncodable  
-3 Not Applicable, (See note, Q45)

Variable Name: Q48B (Year) Flag: F48A Tape Position: 291-292

Codes: 79-70 Year, 1979-1970  
69 Year, Before 1970  
-1 Missing or uncodable  
-3 Not Applicable, (See Note, Q.45)

Note: If more than one year marked, lowest number selected.  
If lowest number selected XV13=1, tape position 606.

49 What kind of work do (or did) you do, that is, what is (was) your job called? (For example: stock clerk, electrician's helper, cook, delivery man.) Write the name of your job in the space below.

YOUR JOB

---

---

Variable Name: Q49

Tape Position: 293-295

Codes: Blank

Note: Data Not Coded.

50 What kind of place do (or did) you work for? (For example: TV and radio manufacturing, grocery store, restaurant, shoe store.) Write the kind of place in the space below. Do not write the name of the company.

## KIND OF PLACE OF EMPLOYMENT

---

---

Variable Name: Q50

Tape Positon: 296-298

Codes: Blank

Note: Data Not Coded.

51 How many hours per week do (or did) you usually work at this job?

## HOURS PER WEEK


Variable Name: Q51

Tape Position: 299-300

Codes: 01-80 Number Hours Worked

-1 Missing or uncodable

-3 Not Applicable

-4 Incomplete or out of range data entered by R

52 About how much do (did) you earn per hour at this job?

DOLLARS      CENTS

Variable Name: Q52

Tape Position: 301-304

Codes: 0100-1000 Hourly Earnings, \$01.00-\$10.00  
-1 Missing or uncodable  
-3 Not Applicable (See Note Q45)  
-4 Incomplete or out of range data entered by R

53 When did this job end?

I work at this job now.....01 (GO TO Q.55)

MONTH	YEAR
ary..... 01	1979.....
uary..... 02	1978.....
n..... 03	1977.....
l..... 04	1976.....
..... 05	1975.....
..... 06	1974.....
..... 07	1973.....
st..... 08	1972.....
ember.... 09	1971.....
per..... 10	1970.....
ember.... 11	Before 1970.
ember.... 12	

Variable Name: Q53

Tape Position: 305-306

Codes: 01 Works at Job Now  
00 Job Ended, date provided  
-1 Missing or uncodable  
-3 Not Applicable (See Note, Q.45)

Note: A code of 00 was assigned if R indicated that s/he had worked (Q44=01), left Q53= blank and either provided data in Q53A and Q53B or just in Q53B.

Variable Name: Q53A (Month)      Flag: F53A      Tape Position: 307-308

Codes: 01-12   January-December  
13      Working now  
-1      Missing or uncodable  
-3      Not Applicable (See Note, Q.45)

Note: Code 13, Working now, was assigned to individuals who have had full or part time jobs (Q44=01), marked the "bubble" next to "I work on this job now", (Q53=01) and who left Q53A blank. Code -3, Not Applicable means that R did not have a full or part time job since age 16 (Q44 = 00) and left Q53A blank.

Variable Name: Q53B (Year)      Flag: F53A      Tape position: 309-310

Codes: 79-70   Year, 1979-1970  
69      Year, Before 1970  
13      Working now  
-1      Missing or uncodable  
-3      Not Applicable (See Note, Q.45)

Note: If more than one year marked, lowest selected.  
If lowest selected XV14=1, tape position 607  
Also see note - Q53A.

NOTE: THIS QUESTION WAS NOT ANSWERED BY ALL RESPONDENTS. IN ADDITION TO THOSE WHO HAD NEVER HAD A FULL- OR PART-TIME JOB, RESPONDENTS WHO WERE CURRENTLY WORKING DID NOT ANSWER THIS QUESTION. SEE SKIP INSTRUCTIONS QUESTION 53.

54 Why did you leave this job? (Mark all that apply.)

- A. I got sick.....1
- B. I was fired.....1
- C. The pay was not good.....1
- D. I was laid off.....1
- E. The rules were too strict.....1
- F. I didn't get along with my co-workers.....1
- G. I moved to another location.....1
- H. I didn't get along with my supervisor.....1
- I. I got married.....1
- J. There was no chance to get ahead.....1
- K. The work was too hard.....1
- L. The working conditions were bad (dangerous, hot, dusty, noisy, etc.).....1
- M. I went back to school.....1

Variable Names:

Tape Positions:

Q54A	Sick	311-312
Q54B	Fired	313-314
Q54C	Bad Pay	315-316
Q54D	Laid Off	317-318
Q54E	Strict Rules	319-320
Q54F	Co-workers	321-322
Q54G	Moved	323-324
Q54H	Supervisor	325-326
Q54I	Married	327-328
Q54J	No Chance Advancement	329-330
Q54K	Work Too Hard	331-332
Q54L	Bad Conditions	333-334
Q54M	Back to School	335-336

Codes: 00 Not marked

01 Yes marked

02 Never left this job

-1 Missing or uncodable

-3 Not Applicable (See note Q45)

55 The next question is about things you did from JANUARY 1978 to FEBRUARY 1979.

MARK WHAT YOU DID MOST OF THE TIME EACH MONTH. MARK ONE THING FOR EACH MONTH.

	I Worked Full Time	I Worked Part Time	I was Unemployed, Looking For Work	I did None Of These
January 1978.....	( 1).....	( 2).....	( 3).....	( 4)
February 1978.....	( 1).....	( 2).....	( 3).....	( 4)
March 1978.....	( 1).....	( 2).....	( 3).....	( 4)
April 1978.....	( 1).....	( 2).....	( 3).....	( 4)
May 1978.....	( 1).....	( 2).....	( 3).....	( 4)
June 1978.....	( 1).....	( 2).....	( 3).....	( 4)
July 1978.....	( 1).....	( 2).....	( 3).....	( 4)
August 1978.....	( 1).....	( 2).....	( 3).....	( 4)
September 1978.....	( 1).....	( 2).....	( 3).....	( 4)
October 1978.....	( 1).....	( 2).....	( 3).....	( 4)
November 1978.....	( 1).....	( 2).....	( 3).....	( 4)
December 1978.....	( 1).....	( 2).....	( 3).....	( 4)
January 1979.....	( 1).....	( 2).....	( 3).....	( 4)
February 1979.....	( 1).....	( 2).....	( 3).....	( 4)

Variable Names:	Flag:	F55A	Tape Positions:
Q55A	Jan 1978		337-338
Q55B	Feb 1978		339-340
Q55C	Mar 1978		341-342
Q55D	Apr 1978		343-344
Q55E	May 1978		345-346
Q55F	June 1978		347-348
Q55G	July 1978		349-350
Q55H	Aug 1978		351-352
Q55I	Sept 1978		353-354
Q55J	Oct 1978		355-356
Q55K	Nov 1978		357-358
Q55L	Dec 1978		359-360
Q55M	Jan 1979		361-362
Q55N	Feb 1979		363-364

Codes: 01 Worked Full Time  
02 Worked Part Time  
03 Unemployed  
04 None of These  
-1 Missing or uncodable

56 What were you doing most of the time in MARCH 1979?

Mark One

Working full time.....	1
Working part time.....	2
With a job but not at work, laid off.....	3
Looking for work.....	4
Keeping house.....	5
Going to school.....	6
Unable to work.....	7
Other.....	-6

Variable Name: Q56

Tape Position: 365-366

Codes: 01-07 As Above

-6 Other

-1 Missing or Uncodable

57 The next questions are about government sponsored training programs.

A During the time from January 1978 until now, have you ever had a job (full time or part time) which was part of a government sponsored work training program known as CETA?

Yes.....1

No.....0

Variable Name: Q57A

Tape Position: 367-368

Codes: 01 Yes

00 No

-1 Missing or Uncodable

B During the time from January 1978 until now, have you ever had a job (full time or part time) which was part of a government program known as the JOB CORPS?

Yes.....1  
No.....0

Variable Name: Q57B

Tape Position: 369-370

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

C During the time from January 1978 until now, have you ever had a job (full time or part time) which was part of any other government sponsored job training program?

Yes.....1  
No.....0

Variable Name: Q57C

Tape Position: 371-372

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable

VI. YOUR INCOME AND EXPENSES

58 In 1978 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

None.....	0
\$1 - \$599.....	1
\$600 - \$1199.....	2
\$1200 - \$1999.....	3
\$2000 - \$3999.....	4
\$4000 - \$5999.....	5
\$6000 - \$7999.....	6
\$8000 - \$9999.....	7
\$10,000 or more.....	8

Variable Name: Q58

Tape Position: 373-374

Codes: 00-08 As Above  
-1 Missing or Uncodable

59 In 1977 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

None.....	0
\$1 - \$599.....	1
\$600 - \$1199.....	2
\$1200 - \$1999.....	3
\$2000 - \$3999.....	4
\$4000 - \$5999.....	5
\$6000 - \$7999.....	6
\$8000 - \$9999.....	7
\$10,000 or more.....	8

Variable Name: Q59

Tape Position: 375-376

Codes: 00-08 As Above  
-1 Missing or Uncodable

60 In 1976 how much did you earn (before taxes) from all the different kinds of work you did? Include wages, salaries, tips, and commissions.

Mark One

None.....	0
\$1 - \$599.....	1
\$600 - \$1199.....	2
\$1200 - \$1999.....	3
\$2000 - \$3999.....	4
\$4000 - \$5999.....	5
\$6000 - \$7999.....	6
\$8000 - \$9999.....	7
\$10,000 or more.....	8

Variable Name: Q60

Tape Position: 377-378

Codes: 00-08 As Above  
-1 Missing or Uncodable

61 About how much allowance do you receive from your parents or guardians in an average month?

Mark One

None.....	0
\$1 - \$9.....	1
\$10 - \$14.....	2
\$15 - \$19.....	3
\$20 - \$24.....	4
\$25 - \$29.....	5
\$30 - \$34.....	6
\$35 or more.....	7

Variable Name: Q61

Tape Position: 379-380

Codes: 00-07 As Above  
-1 Missing or Uncodable

62 LAST MONTH, how much did you pay for rent (or room and board)?  
Include any rent you paid to your parents or guardians.

Mark One

I don't pay for rent.....	00
Less than \$50.....	1
\$50 - \$99.....	2
\$100 - \$149.....	3
\$150 - \$174.....	4
\$175 - \$199.....	5
\$200 - \$249.....	6
\$250 or more.....	7

Variable Name: Q62

Tape Position: 381-382

Codes: 01-07 As Above  
00 Don't Pay Rent  
-1 Missing or Uncodable

63 Not including rent or room and board, how much of your living expenses (clothes, entertainment, tuition, etc.) do you pay for?

Mark One

I pay for <u>all</u> of my expenses.....	1
I pay for <u>more</u> than half.....	2
I pay for <u>about</u> half.....	3
I pay for <u>less</u> than half.....	4
I don't pay for any of my expenses.....	5

Variable Name: Q63

Tape Position: 383-384

Codes: 01-05 As Above  
-1 Missing or Uncodable

64 Not including yourself, how many dependents will you claim on your income tax form for 1978. Mark Number Below.

I am not filing an income tax form for 1978.....-7

None 1 2 3 4 5 or more

Variable Name: Q64

Tape Position: 385-386

Codes: 00 None  
01-04 4 Dependents  
05 5 or More Dependents  
-7 Not Filing Tax Form  
-1 Missing or Uncodable

VII. YOUR FAMILYA. BROTHERS AND SISTERS

65A Altogether, how many brothers and sisters do you have? (Include any stepbrothers and stepsisters.)

I don't have any brothers or sisters.....0 (GO TO Q.68)

TOTAL # OF		1	2	3	4	5	6	7	8	9+
BROTHERS										
AND SISTERS										

Variable Name: Q65A

Tape Position: 387-388

Codes: 00 No Siblings  
 01-08 1-8 Siblings  
 09 9 or More Siblings  
 -1 Missing or Uncodable

NOTE: QUESTIONS 65B THROUGH 67 ARE NOT ANSWERED BY ALL RESPONDENTS, (i.e., RESPONDENTS WITH NO SIBLINGS DO NOT ANSWER THESE QUESTIONS). SEE QUESTION 65A FOR SKIP INSTRUCTIONS.

65B How many of them are OLDER than you?

# OF OLDER		None	1	2	3	4	5	6	7	8	9 or more
BROTHERS											
AND SISTERS											

Variable Name: Q65B

Tape Position: 389-390

Codes: 00-08 0-8 Older Siblings  
 09 9 or More Older Siblings  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., no Siblings

65C How many of them are YOUNGER than you?

# OF YOUNGER	
BROTHERS	None 1 2 3 4 5 6 7 8 9 or more
AND SISTERS	

Variable Name: Q65C

Tape Position: 391-392

Codes: 00-08 0-8 Younger Siblings  
 09 9 or More Younger Siblings  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., no Siblings

65D What is the highest grade or year of regular school your OLDEST brother or sister has completed and gotten credit for?  
 (If he or she has a GED, mark the last grade of regular school he or she completed.)

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q65D

Flag: F65D Tape position: 393-394

Codes: 01-08 Elementary  
 09-12 High School (1-4 Years)  
 13-20 College Credit (1-8 Years)  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., no Siblings

Note: If more than one grade marked, highest selected.  
 If highest selected, XV15=1, tape position 608.

66 How many of your brothers and sisters have ever served or are now serving on active duty in the military? (Remember to include stepbrothers and stepsisters.)

None of them have ever served....0 (GO TO Q.68)

1 2 3 4 5 6 7 8 9 or more

Variable Name: Q66

Tape Position: 395-396

Codes: 00 None  
01-08 1-8 Siblings  
09 9 or More Siblings  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., no Siblings

67 Please answer A-D about each brother or sister who has served in the military.

If more than three brothers and sisters have been in the service, please answer for the 3 oldest who have served.

(1) A. This person is my      B. Is this person on active duty now?      C. Which service is (was) this person in?      D. How many years has this person served?  
 (MARK ALL THAT APPLY)

Brother....1	Yes.....1	Army.....1	Less than 4.....1
Sister....2	No.....0	Navy.....1	4 - 9 years.....2
		Air Force.1	10 - 19 years....3
		Marines...1	20 or more.....4

(2) A. This person is my      B. Is this person on active duty now?      C. Which service is (was) this person in?      D. How many years has this person served?

Brother....1	Yes.....1	Army.....1	Less than 4.....1
Sister....2	No.....0	Navy.....1	4 - <sup>a</sup> years.....2
		Air Force.1	10 - 19 years....3
		Marines...1	20 or more.....4

(3) A. This person is my      B. Is this person on active duty now?      C. Which service is (was) this person in?      D. How many years has this person served?

Brother....1	Yes.....1	Army.....1	Less than 4.....1
Sister....2	No.....0	Navy.....1	4 - 9 years.....2
		Air Force.1	10 - 19 years....3
		Marines...1	20 or more.....4

Variable Name: 67A1

Tape Position: 397-398

Codes: 01 Brother  
 02 Sister  
 -7 Sibling(s) Did Not Serve  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., No Siblings

Variable Name: 67B1 Tape Position: 399-400

Codes: 01 Yes  
00 No  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C1A (Army) Tape Position: 401-402

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C1B (Navy) Tape Position: 403-404

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C1C (Air Force) Tape Position: 405-406

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C1D (Marines) Tape Position: 407-408

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67D1 Tape Position: 409-410

Codes: 01 Less Than 4  
02 4-9 Years  
03 10-19 Years  
04 20 or More  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67A2

Tape Position: 411-412

Codes: 01 Brother  
02 Sister  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67B2

Tape Position: 413-414

Codes: 01 Yes  
00 No  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C2A (Army)

Tape Position: 415-416

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C2B (Navy)

Tape Position: 417-418

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C2C (Air Force)

Tape Position: 419-420

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C2D (Marines)

Tape Position: 421-422

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67D2

Tape Position: 423-24

Codes: 01 Less Than 4 Years  
02 4-9  
  
03 10-19  
04 20 or More  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67A3

Tape Position: 425-426

Codes: 01 Brother  
02 Sister  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67B3

Tape Position: 427-428

Codes: 01 Yes  
00 No  
-7 Siblings(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C3A (Army)

Tape Position: 429-430

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C3B (Navy)

Tape Position: 431-432

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C3C (Air Force)

Tape Position: 433-434

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67C3D (Marines)

Tape Position: 435-436

Codes: 00 Not Marked  
01 Yes  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

Variable Name: Q67D3

Tape Position: 437-438

Codes: 01 Less Than 4 Years  
02 4-9  
03 10-19  
04 20 or More  
-7 Sibling(s) Did Not Serve  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., No Siblings

B. YOUR PARENTS

68 Has your father (or male guardian) ever served on active duty in the military?

Yes..... 1 (ANSWER A, B, AND C)  
No..... 0 (GO TO Q.69)  
I don't know.-8 (GO TO Q.69)

Variable Name: Q68

Tape Position: 439-440

Codes: 01 Yes  
00 No  
-8 Don't Know  
-1 Missing or Uncodable

NOTE: QUESTIONS 68A, 68B & 68C ARE NOT ANSWERED BY ALL RESPONDENTS,  
SEE QUESTION 68 FOR SKIP INSTRUCTIONS.

A Is he now on active duty?

Yes.....1  
No.....0

Variable Name: Q68A

Flag: 68A

Tape Position: 441-442

Codes: 01 Yes  
00 No  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., Either Don't Know or  
Never Served

B Which service was (or is) he in?

Mark All That Apply

Army.....1  
Navy.....1  
Air Force....1  
Marines.....1

Variable Name: Q68B1 (Army)

Tape Position: 443-444

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., either don't know or never served.

Variable Name: Q68B2 (Navy)

Tape Position: 445-446

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., either don't know or never served.

Variable Name: Q68B3 (Air Force)

Tape Position: 447-448

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., either don't know or never served.

Variable Name: Q68B4 (Marines)

Tape Position: 449-450

Codes: 00 Not Marked  
01 Yes  
-1 Missing or Uncodable  
-3 Not Applicable, i.e., either don't know or never served.

C How many years of service did (or does) he have?

Mark One

Less than 4 years.....1  
 4 - 9 years.....2  
 10 - 19 years.....3  
 20 or more years.....4  
 Don't know.....-8

Variable Name: Q68C

Tape Position: 451-452

Codes: 01 Less Than 4 Years  
 02 4-9  
 03 10-19  
 04 20 or More  
 -8 Don't Know  
 -1 Missing or Uncodable  
 -3 Not Applicable, i.e., Either Don't Know or  
 Never Served

69 How old was your father (or male guardian) on his last birthday?

FATHER'S AGE

Don't know.....-8  
 My father is deceased....-7

Variable Name: Q69

Tape Position: 453-454

Codes: 30-75 Father's Age  
 -8 Don't Know  
 -7 Deceased  
 -4 Incomplete or out of range data entered by R  
 -1 Missing or Uncodable

70 What is the highest grade or year of regular school he completed and got credit for? (If his highest grade is a GED, mark 12.)

I don't know.....-8

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q70

Tape Position: 455-456

Codes: 01-08 Elementary  
 09-12 High School (1-4)  
 13-20 College Credit (1-8 Years)  
 -8 Don't Know  
 -1 Missing or Uncodable

Note: If more than one grade marked; highest selected.  
 If highest selected XV16=1, tape position 609.

71 Has your father (or male guardian) ever had a job for pay (full time or part time)?

Yes.....1 (ANSWER Q.72)  
 No.....0 (GO TO Q.73)  
 Does not  
 apply to me.-7 (GO TO Q.73)

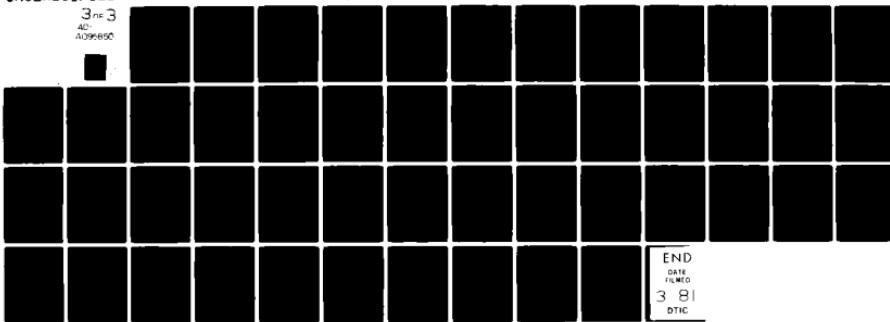
Variable Name: Q71

Tape Position: 457-458

Codes: 01 Yes  
 00 No  
 -7 Does Not Apply  
 -1 Missing or Uncodable

AD-A095 850 RAND CORP SANTA MONICA CA F/6 15/5  
1979 DOD SURVEY OF PERSONNEL ENTERING MILITARY SERVICE: WAVE 1 --ETC(U)  
NOV 80 Z D DOERING, D W GRISSMER, J S MORSE MDA903-80-C-0652  
UNCLASSIFIED RAND/N-1605-MRAL NL

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NOTE: QUESTIONS 72A AND 72B ARE NOT ANSWERED BY ALL RESPONDENTS,  
SEE QUESTION 71 FOR SKIP INSTRUCTIONS.

72 QUESTIONS A AND B ARE ABOUT THE JOB YOUR FATHER  
(OR MALE GUARDIAN) HAS NOW OR THE JOB HE HAD THE LAST  
TIME HE WORKED.

A What kind of work does (or did) he do; that is, what is  
his job called (For example: carpenter, policeman, machinist,  
store manager, high school teacher)? Write the name of his job  
in the space below.

I don't know.....-8

\_\_\_\_\_

FATHER'S OR MALE GUARDIAN'S JOB

Variable Name: Q72A

Tape Position: 459-461

Codes: -8 Don't Know

Note: Occupations not coded; i.e., if occupation entered field  
is blank.

B What kind of place does (or did) he work for (For example:  
construction company, city government, shoe factory, department  
store)? Write the kind of place in the space below. Do not  
write the name of the company.

I don't know.....-8

\_\_\_\_\_

PLACE OF EMPLOYMENT

Variable Name: Q72B

Tape Position: 462-464

Codes: -8 Don't Know

Note: Industries not coded; i.e., if industry entered field  
is blank.

73 Has your mother (or female guardian) ever served on active duty in the military?

Yes..... 1  
No..... 0  
I Don't Know.....-8

Variable Name: Q73

Tape Position: 465-466

Codes: 01 Yes  
00 No  
-8 Don't Know  
-1 Missing or Uncodable

74 How old was your mother (or female guardian) on her last birthday?

MOTHER'S AGE



Don't know.....-8  
My mother is deceased....-7

Variable Name: Q74

Tape Position: 467-468

Codes: 30-75 Mother's Age  
-8 Don't Know  
-7 Deceased  
-1 Missing or Uncodable

75 What is the highest grade or year of regular school she completed and got credit for? (If her highest grade is a GED, mark 12.)

I don't know.....-8

ELEMENTARY: 1 2 3 4 5 6 7 8

HIGH SCHOOL: 9 10 11 12

YEARS OF COLLEGE: 1 2 3 4 5 6 7 8

Variable Name: Q75

Tape Position: 469-470

Codes: 01-08 Elementary  
 09-12 High School (1-4 Years)  
 13-20 College Credit (1-8 Years)  
 -8 Don't Know  
 -1 Missing or Uncodable

Note: If more than one grade marked, highest grade selected.  
 If highest grade selected, XV17 = 1, tape position 610.

76 Did your mother (or female guardian) have a job for pay when you were 14 years old?

Yes, she worked full time.....1  
 Yes, she worked part time.....2  
 No, she was a full time  
 homemaker.....0  
 My mother or female  
 guardian was not present.....-7

Variable Name: Q76

Tape Position: 471-472

Codes: 01 Worked Full Time  
 02 Worked Part Time  
 00 Did Not Work  
 -7 Not Present  
 -1 Missing or uncodable

77 IN THE PAST FIVE YEARS, has your mother (or female guardian) ever had a job for pay (full time or part time)?

Yes.....1 (ANSWER Q.78)  
 No.....0 (GO TO Q.79)  
 Does not apply to me.....-7 (GO TO Q.79)

Variable Name: Q77

Tape Position: 473-474

Codes: 01 Yes  
 00 No  
 -7 Does Not Apply  
 -1 Missing or uncodable

NOTE: QUESTION 78A AND 78B ARE NOT ANSWERED BY ALL RESPONDENTS,  
 SEE QUESTION 77 FOR SKIP INSTRUCTIONS.

78 QUESTIONS A AND B ARE ABOUT THE JOB YOUR MOTHER (OR FEMALE GUARDIAN) HAS NOW OR THE LAST JOB SHE HAS HAD IN THE PAST 5 YEARS.

A What kind of work does (or did) she do; that is, what is her job called? (For example: nurse, secretary, bank teller, teacher's aide.) Write the name of her job in the space below.

I don't know or Does not apply to me.....-8

\_\_\_\_\_

MOTHER'S OR FEMALE GUARDIAN'S JOB

Variable Name: Q78A

Tape Position: 475-477

Codes: -8 Don't Know/Not Applicable

Note: Occupations not coded; i.e., if occupation entered field is blank.

B What kind of place does (or did) she work for? (For example: bank, city government, shoe factory, department store.) Write the kind of place in the space below. Do not write the name of the company.

I don't know or Does not apply to me.....-8

KIND OF PLACE OF EMPLOYMENT

Variable Name: Q78B

Tape Position: 478-480

Codes: -8 Don't Know

Note: Industries not coded; i.e., if industry entered field is blank.

79 What would you say is the total yearly income of your parent(s) or guardian(s) and all family members who lived with them, before taxes and other deductions? DO NOT INCLUDE YOUR INCOME.

Give your best estimate. Mark only one answer.

Mark One

Less than \$2,599 a year (less than \$50 a week).....1  
 \$2,600 - \$5,199 a year (about \$50 - \$99 a week).....2  
 \$5,200 - \$7,799 a year (about \$100 - \$149 a week).....3  
 \$7,800 - \$10,399 a year (about \$150 - \$199 a week).....4  
 \$10,400 - \$12,999 a year (about \$200 - \$249 a week).....5  
 \$13,000 - \$15,599 a year (about \$250 - \$299 a week).....6  
 \$15,600 - \$18,199 a year (about \$300 - \$349 a week).....7  
 \$18,200 - \$20,799 a year (about \$350 - \$399 a week).....8  
 \$20,800 - \$25,999 a year (about \$400 - \$499 a week).....9  
 \$26,000 - \$31,199 a year (about \$500 - \$599 a week).....10  
 \$31,200 or more a year (about \$600 a week or more)....11

Variable Name: Q79

Tape Position: 481-482

Codes: 01-11 Income As Above  
 -1 Missing or uncodable

Note: If more than one income marked, highest selected.  
 If highest selected, XV18=1, tape position 611.

80 Is any of the income in Q.79 from public assistance or welfare?

Yes.....1  
No.....0

Variable Name: Q80

Tape Position: 483-484

Codes: 01 Yes  
00 No  
-1 Missing or uncodable

VIII. YOUR DECISION TO ENLIST

81 Which recruiters did you talk to about enlisting?  
(Mark all that apply)

Army.....1  
Navy.....1  
Air Force.....1  
Marines.....1

Variable Names:

	Flags: F81A	Tape Positions:
Q81A	Saw Army Recruiter	485-486
Q81B	Saw Navy Recruiter	487-488
Q81C	Saw Air Force Recruiter	489-490
Q81D	Saw Marines Recruiter	491-492

Codes: 00 Not Marked

01 Yes

-1 Missing or uncodable

Note: See Note 31A-31K.

82 The FIRST recruiter I talked to was from the

Mark One

Army.....	1
Navy.....	2
Air Force.....	3
Marines.....	4

Variable Name: Q82

Tape Position: 493-494

Codes: 01 Army  
 02 Navy  
 03 Air Force  
 04 Marines  
 -1 Missing or uncodable

83 When did you first talk to a recruiter about enlisting?

MONTH	YEAR
-------	------

January..... 01	1979..... 79
February..... 02	1978..... 78
March..... 03	1977..... 77
April..... 04	1976..... 76
May..... 05	1975..... 75
June..... 06	1974..... 74
July..... 07	1973..... 73
August..... 08	1972..... 72
September.... 09	1971..... 71
October..... 10	1970..... 70
November..... 11	Before 1970.. 69
December..... 12	

Variable Name: Q83A (Month) Flag: F83A Tape Position: 495-496

Codes: 01-12 January-December  
 -1 Missing or uncodable

Variable Name: Q83B (Year)      Flag: F83A      Tape Position: 497-498

Codes: 79-70 Year, 1979-1970  
 69 Year, Before 1970  
 -1 Missing or uncodable

Note: If more than one year marked; lowest year selected.  
 If lowest year selected XV19=1, tape position 612.

84 Which services told you that you were not eligible to enlist?  
 (Mark all that apply)

None of the services.....	1
Army.....	1
Navy.....	1
Air Force.....	1
Marines.....	1

Variable Names:

Tape Positions:

Q84A Ineligible: None	499-500
Q84B Ineligible: Army	501-502
Q84C Ineligible: Navy	503-504
Q84D Ineligible: Air Force	505-506
Q84E Ineligible: Marines	507-508

Codes: 00 Not Marked  
 01 Yes  
 -1 Missing or uncodable

Note: See Note 31A-31K.

85 How did each of the people listed below feel about your enlisting in the military?

	Thought it was a good idea	Thought it was <u>not</u> a good idea	I didn't talk to this person or Does Not Apply
A. Father (or male guardian)	1	2	3
B. Mother (or female guardian)	1	2	3
C. Other relatives	1	2	3
D. Girlfriend/boyfriend or spouse	1	2	3
E. Friend(s) with military experience	1	2	3
F. Friend(s) with no military experience	1	2	3
G. High school counselor	1	2	3

## Variable Names:

## Tape Positions:

Q85A	Father's Feelings	509-510
Q85B	Mother's Feelings	511-512
Q85C	Other Relatives' Feelings	513-514
Q85D	Girl/Boy Friend's Feelings	515-516
Q85E	Military Friends Feelings	517-518
Q85F	Non-Military Friends Feelings	519-520
Q85G	H. S. Counselor's Feelings	521-522

Codes: 01 Good Idea  
 02 Not Good Idea  
 03 Did Not Discuss/Does Not Apply  
 -1 Missing or uncodable

86 When did you make your final decision to enlist in the military?

MONTH	YEAR
January..... 01	1979..... 79
February..... 02	1978..... 78
March..... 03	1977..... 77
April..... 04	1976..... 76
May..... 05	1975..... 75
June..... 06	1974..... 74
July..... 07	1973..... 73
August..... 08	1972..... 72
September.... 09	1971..... 71
October..... 10	1970..... 70
November..... 11	Before 1970.. 69
December..... 12	

Variable Name: Q86A (Month) Flag: F86A Tape Position: 523-524

Codes: 01-12 January-December  
-1 Missing or uncodable

Variable Name: Q86B (Year) Flag: F86A Tape Position: 525-526

Codes: 79-70 Year, 1979-1970  
-69 Year, Before 1970  
-1 Missing or uncodable

Note: If more than one year marked, lowest year selected.  
If lowest year selected, XV20=1, tape position 613.

87 If you wers not eligible to enlist in any service, what kinds of things do you think you would be doing in the next twelve months?

Mark All That Apply

Working full time.....1  
 Working part time.....1  
 Looking for work.....1  
 Going to school  
     full time.....1  
 Going to school  
     part time.....1  
 Taking a break,  
     traveling, etc.....1  
 Getting married.....1  
 Being a full time  
     homemaker.....1

Variable Names:

Tape Positions:

Q87A	Alternative:	Full Time Work	527-528
Q87B	Alternative:	Part Time Work	529-530
Q87C	Alternative:	Look For Work	531-532
Q87D	Alternative:	Full Time School	533-534
Q87E	Alternative:	Part Time School	535-536
Q87F	Alternative:	Travel, Break, Etc.	537-538
Q87G	Alternative:	Getting Married	539-540
Q87H	Alternative:	Full Time Homemaker	541-542

Codes: 00 Not Marked

01 Yes

-1 Missing or uncodable

Note: Code 00, Not Marked in Q87A-Q87H means that the activity in question was not marked but that R marked another activity in the series. Code -1, Missing, means that R did not mark any activity in the Series. Also see note Q31A-Q31K.

88 If you were not going into the military, how easy or difficult would it be for you to get a full time job in the area where you now live?

Mark One

Not difficult at all.....1  
Somewhat Difficult.....2  
Very Difficult.....3  
Almost Impossible.....4  
Don't Know.....-6

Variable Name: Q88

Tape Position: 543-544

Codes: 01-04 As Above  
-8 Don't Know  
-1 Missing or uncodable

## IX. WHAT'S YOUR OPINION?

89 How much do you agree or disagree with each of the following statements? (Mark your opinion for each one.)

	Agree Strongly	Agree	Disagree	Disagree Strongly	No Opinion
Good luck is more important than hard work for success	1	2	3	4	5
I am able to do things as well as most other people	1	2	3	4	5
Every time I try to get ahead, something or somebody stops me	1	2	3	4	5
Planning only makes a person unhappy since plans hardly ever work out anyway	1	2	3	4	5
People who accept their condition in life are happier than those who try to change things	1	2	3	4	5
On the whole, I'm satisfied with myself	1	2	3	4	5

## Variable Names:

## Tape Positions:

Q89A	Good Luck/Hard Work	545-546
Q89B	Able As Most People	547-548
Q89C	Prevented From Getting Ahead	549-550
Q89D	Plans Rarely Work Out	551-552
Q89E	Better To Accept Lot In Life	553-554
Q89F	Satisfied With Self	555-556

Codes: 01 Agree Strongly  
 02 Agree  
 03 Disagree  
 04 Disagree Strongly  
 05 No Opinion  
 -1 Missing or uncodable

90 If you could choose, where would you like to be stationed after  
you finish your job training?

Mark One

At a base overseas.....1  
At sea.....2  
IN THE U.S:  
    Less than 100 miles from  
    where I live now.....3  
    100-500 miles from where I live now.....4  
    More than 500 miles from where I live  
    now.....5

Variable Name: Q90

Tape Position: 557-558

Codes: 01-05 Location As Above  
-1 Missing or uncodable

91 When you leave the military, do you think you will return to the  
area where you live now?

Mark One

Yes, definitely.....1  
Yes, probably.....2  
No, probably not.....3  
No, definitely not.....4

Variable Name: Q91

Tape Position: 559-560

Codes: 01-04 Return to Area After Military As Above  
-1 Missing or uncodable

92 Based on what you know now, how satisfied do you think you will be with military life? Please use the line below to record your answer. For example, people who expect to be Very Satisfied with military life would Mark 1. People who think they will be Very Dissatisfied with the military would Mark 7. Other people may have opinions somewhere between 1 and 7. Mark the number which shows how satisfied you expect you will be.

VERY  
SATISFIED

VERY  
DISSATISFIED

o \_\_\_\_\_ o \_\_\_\_\_ o \_\_\_\_\_ o \_\_\_\_\_ o \_\_\_\_\_ o  
1            2            3            4            5            6            7

Variable Name: Q92

Tape Position: 561-562

Codes: 01-07 Expected Satisfaction As Above  
-1 Missing or uncodable

THIS SECTION IS FOR WOMEN ONLY  
MEN, PLEASE GO TO Q.103.

NOTE: QUESTIONS 93 THROUGH 102 ARE NOT ANSWERED BY ALL RESPONDENTS (i.e., MALE RESPONDENTS DO NOT ANSWER THESE QUESTIONS). SEE QUESTION 92 FOR SKIP INSTRUCTIONS.

93 How much do you agree or disagree with the following statement?

Most people think enlisting in the military is an unusual thing for a woman to do.

Agree strongly.....1  
Agree somewhat.....2  
Neither agree nor disagree.....3  
Disagree somewhat.....4  
Disagree strongly.....5

Variable Name: Q93

Flag: F93

Tape Position: 563-564

Codes: 01-05 As Above  
-6 Not Applicable, i.e., male respondent  
-1 Missing or uncodable

94 Which of these statements is TRUE for you (Mark one).

The military job I signed up for is a lot like the jobs most women have outside the military.....1 (ANSWER Q.95)

The military job I signed up for is different from the jobs most women have outside the military.....2 (GO TO Q.96)

Variable Name: Q94

Tape Position: 565-566

Codes: 01 Military Job Similar to Civilian  
02 Military Job Different From Civilian  
-6 Not Applicable, i.e., male respondent  
-1 Missing or uncodable

NOTE: QUESTIONS 95 AND 95A ARE NOT ANSWERED BY ALL RESPONDENTS,  
SEE QUESTION 94 FOR SKIP INSTRUCTIONS.

95 Did the job counselor tell you about any military jobs that were different from the jobs that most women have outside the military?

Yes.....1 (ANSWER A)  
No.....0 (GO TO Q.96)

Variable Name: Q95

Tape Position: 567-568

Codes: 01 Yes  
00 No  
-6 Not Applicable, i.e., male respondent  
-1 Missing or uncodable  
-3 Not Applicable, job signed up for is different (female R)

A. Did you decide not to take a job the counselor told you about because it was different from the jobs most women have outside the military?

Yes.....1  
No.....0

Variable Name: Q95A

Tape Position: 569-570

Codes: 01 Yes  
00 No  
-6 Not applicable, i.e., Male respondent  
-1 Missing or uncodable  
-3 Not Applicable, i.e., not told of different military  
jobs or job signed up for is different (female R)

96 We have already asked you about how certain people feel about your enlistment. How do you think each of the people listed below will feel about the military job you chose today?

	Will Be Happy That I Chose This Job	Will Be Unhappy That I Chose This Job	Will Have No Opinion About This Job	Does Not Apply To Me	Don't Know
My father (or male guardian)	1	2	3	7	4
My mother (or female guardian)	1	2	3	7	4
My boyfriend or spouse	1	2	3	7	4
My girlfriends	1	2	3	7	4

## Variable Names:

## Tape Positions:

Q96A Father's Feelings About Job	571-572
Q96B Mother's Feelings About Job	573-574
Q96C Spouse/Boy Friends Feelings About Job	575-576
Q96D Girl Friends Feelings About Job	577-578

## Codes:

01 Happy	
02 Unhappy	
03 No Opinion	
04 Don't Know	
-7 Does Not Apply To Me	
-1 Missing or uncodable	
-6 Not Applicable, Male respondent	

97 Whose opinion about your military job is most important to you?

My father (or male guardian).....	1
My mother (or female guardian).....	2
My boyfriend or spouse.....	3
My girlfriends.....	4

Variable Name: Q97

Tape Position: 579-580

Codes: 01-04 As Above	
-6 Not Applicable, Male R	
-1 Missing or uncodable	

98 Imagine two women who are looking for civilian jobs after they get out of the military. While in the military,

Sue was trained in a kind of job that women don't usually do in civilian life.

Jane was trained in a kind of job that women usually do in civilian life.

Who has a better chance of finding a civilian job?

Sue has a better chance of finding a job.....1

Sue and Jane have the same chance of finding a job.....2

Jane has a better chance of finding a job.....3

I don't know who has a better chance of finding a job..-8

Variable Name: Q98

Tape Position: 581-582

Codes: 01 Sue Better Chance  
 02 Same Chance  
 03 Jane Better Chance  
 -6 Not Applicable, Male R  
 -8 Don't Know  
 -1 Missing or uncodable

NOTE: QUESTIONS 99, 99A, 99B ARE NOT ANSWERED BY ALL RESPONDENTS, SEE SKIP INSTRUCTIONS BELOW.

IF YOU ARE NOT MARRIED NOW, ANSWER Q.99.

IF YOU ARE MARRIED NOW, GO TO Q.100.

99 Suppose you got married and didn't need to work for financial reasons. Which of the following would you do?

Continue working most of my life (in the military or in a civilian job).....1

Not work at all.....2

Work until I had children, but not work after that.....3

Work until I had children and then return to work when they were older.....4

Variable Name: Q99

Tape Position: 583-584

Codes: 01 Continue Working  
02 Not Work  
03 Work Until Had Children  
04 Work When Children Older  
-6 Not Applicable, Male R  
-1 Missing or uncodable  
-3 Not Applicable, i.e., married female R

A If you get married, do you expect that you will need to work for financial reasons?

Yes.....1  
No.....0

Variable Name: Q99A

Tape Position: 585-586

Codes: 01 Yes  
00 No  
-6 Not applicable, male R  
-1 Missing or uncodable  
-3 Not Applicable, i.e., married female R

B If you get married and have a child, do you expect that you will need to work for financial reasons?

Yes.....1  
No.....0

GO TO Q.102.

Variable Name: Q99B

Tape Position: 587-588

Codes: 01 Yes  
00 No  
-6 Not Applicable Male R  
-1 Missing or uncodable  
-3 Not Applicable, i.e., married female R

NOTE: QUESTIONS 100 AND 101 ARE NOT ANSWERED BY ALL RESPONDENTS,  
(UNMARRIED FEMALE RESPONDENTS DO NOT ANSWER THESE  
QUESTIONS) SEE SKIP INSTRUCTIONS IN QUESTION 99.

100 Suppose you had a child (or another child) and you didn't need  
to work for financial reasons. Which of the following would  
you do?

Return to work after my child was born.....1  
Return to work after my children were in school.....2  
Return to work after my children were grown.....3  
Not return to work.....4

Variable Name: Q100

Tape Position: 589-590

Codes: 01 Work After Child Born  
02 Work After Children in School  
03 Work After Children Grown  
04 Not Return To Work  
-6 Not Applicable, Male R  
-1 Missing or uncodable  
-3 Not Applicable, i.e., unmarried female R

101 If you get married (or are married) and have a child, do you  
expect that you will need to work for financial reasons?

Yes.....1  
No.....0

Variable Name: Q101

Tape Position: 591-592

Codes: 01 Yes  
00 No  
-6 Not Applicable, Male R  
-1 Missing or uncodable  
-3 Not Applicable, i.e., unmarried female R

102 Which of these statements do you agree with the most? (Mark one)

If a married woman wants to work, she should work only  
if her husband thinks it is all right.....1

If a married woman wants to work, she should work even  
if her husband doesn't particularly want her to.....2

Variable Name: Q102

Tape Position: 593-594

Codes: 01 Work If Allowed  
02 Work If Wants  
-6 Not Applicable, Male R  
-1 Missing or uncodable

103 What time is it now?

TIME:

Variable Name: Q103

Note: Not coded, used to calculate XV4.

## EXTRA VARIABLE

XV4 Minutes for Completion

Variable Name: XV4

Tape Position: 595-596

Codes: 00 - 99 Minutes  
-1 Missing or uncodable  
-4 Incomplete or out-of-range data entered by R

Note: Editing staff calculated time required for completion on the basis of respondent entries at the beginning and end of the questionnaire

## EXTRA VARIABLE

XVS AFEES Identification Number

Variable Name: XVS

Tape Position: 597-598

Codes: 01 - 99 See Below  
-1 Missing or uncodable  
-4 Out of range date

Note: Editing staff assigned an AFEES Identification number to each questionnaire. The table below gives this assignment both in numeric order and in alphabetical order.

## Extra Variable

XV5 AFEES Identification Number

AFEES Identification

Number	Location	Location	Number
01	Portland	ME	Albany
02	Manchester	NH	Albuquerque
03	Boston	MA	Amarillo
04	Springfield	MA	Atlanta
05	New Haven	CT	Beckley
06	Albany	NY	Boise
07	Brooklyn	NY	Boston
08	Newark	NJ	Brooklyn
09	Philadelphia	PA	Buffalo
10	Syracuse	NY	Butte
11	Buffalo	NY	Charlotte
12	Wilkes-Barre	PA	Chicago
13	Harrisburg	PA	Cincinnati
14	Pittsburg	PA	Cleveland
15	Baltimore	MD	Columbus
16	Richmond	VA	Dallas
17	Beckley	WV	Denver
18	Knoxville	TN	Des Moines
19	Nashville	TN	Detroit
20	Louisville	KY	El Paso
21	Cincinnati	OH	Fargo
22	Columbus	OH	Ft. Jackson
23	Cleveland	OH	Fresno
24	Detroit	MI	Guaynabo
25	Milwaukee	WI	Harrisburg
26	Chicago	IL	Honolulu
27	Indianapolis	IN	Houston
28	St. Louis	MO	Indianapolis
29	Memphis	TN	Jackson
30	Jackson	MS	Jacksonville
31	New Orleans	LA	Kansas City
32	Montgomery	AL	Knoxville
33	Atlanta	GA	Linthicum
34	Ft. Jackson	SC	Little Rock
35	Jacksonville	FL	Los Angeles
36	Miami	FL	Louisville
37	Charlotte	NC	Manchester
38	Raleigh	NC	Memphis
39	Shreveport	LA	Miami
40	Dallas	TX	Milwaukee
41	Houston	TX	Minneapolis
42	San Antonio	TX	Montgomery
43	Oklahoma City	OK	Nashville

44	Amarillo	TX	Newark	NJ	08
45	Little Rock	AR	New Haven	CT	05
46	Kansas City	MO	New Orleans	LA	31
47	Des Moines	IA	Oakland	CA	62
48	Minneapolis	MN	Oklahoma City	OK	43
49	Fargo	ND	Omaha	NB	51
50	Sioux Falls	SD	Philadelphia	PA	09
51	Omaha	NB	Phoenix	AZ	55
52	Denver	CO	Pittsburgh	PA	14
53	Albuquerque	NM	Portland	ME	01
54	El Paso	TX	Portland	OR	61
55	Phoenix	AZ	Raleigh	VA	38
56	Salt Lake City	UT	Richmond	VA	16
57	Butte	MT	St. Louis	MO	28
58	Spokane	WA	Salt Lake City	UT	56
59	Boise	ID	San Antonio	TX	42
60	Seattle	WA	San Diego	CA	67
61	Portland	OR	Seattle	WA	60
62	Oakland	CA	Shreveport	LA	39
63	Fresno	CA	Sioux Falls	SD	50
64	Los Angeles	CA	Spokane	WA	58
65	Honolulu	HI	Springfield	MA	04
66	Guaynabo	PR	Syracuse	NY	10
67	San Diego	CA	Wilkes-Barre	PA	12

## EXTRA VARIABLES

XV6 - XV20 Highest/Lowest Indicators (See Below)

## Variable Name:

## Tape Positions:

XV6	Highest Indicator for QB1	599
XV7	Highest Indicator for Q3A1	600
XV8	Lowest Indicator for Q26C	601
XV9	Lowest Indicator for Q28A2	602
XV10	Highest Indicator for Q29	603
XV11	Highest Indicator for Q30	604
XV12	Highest Indicator for Q36	605
XV13	Lowest Indicator for Q48B	606
XV14	Lowest Indicator for Q53B	607
XV15	Highest Indicator for Q65D	608
XV16	Highest Indicator for Q70	609
XV17	Highest Indicator for Q75	610
XV18	Highest Indicator for Q79	611
XV19	Lowest Indicator for Q83	612
XV20	Lowest Indicator for Q86B	613

Codes: 1 Highest/Lowest logic applied  
 0 Logic not required

Note: For a subset of items, the contractor was provided with instructions for resolving respondent multiple entries. If only one response was required but the respondent marked two, the contractor coded either the highest or lowest value, depending on the item. Whenever the multiple logic instruction was used, a code was set in one of the above variables, XV6-XV20.

## Appendix A

ADMINISTRATION DATES AND NUMBER OF RESPONDENTS SURVEYED

The survey period for the 1979 Survey of Personnel Entering Military Service was defined as 20 consecutive working days following the receipt of survey materials. This period was to include any Saturdays the AFEES was in operation. The first day of the survey period was to be defined as a full working day. For example, if materials were received in mid-morning, administration was to begin the next day. As a result of shipment problems, combined with operational problems at some of the AFEES, the starting date varied by as much as a month.

Table A shows, by AFEES, the starting and ending dates of survey administration, together with the total number of days on which data was collected. In assembling this information, two sources of information were used. First, a Survey Record Form submitted by each AFEES as part of the return shipment of questionnaires contained administration dates. Second, the actual questionnaires asked respondents to record the date on which the survey was completed. In calculating the number of days, Saturdays were only counted if a questionnaire was received which included the date of a Saturday within the survey period.

The number of questionnaires reflects the actual number of completed instruments received by the Defense Manpower Data Center (DMDC), excluding those which have been deleted as having been completed by an individual who was either entering the Army Reserve or who had prior military service. Blank questionnaires or questionnaires marked as "refused" have also been excluded from the table.

The differences between the number of Form 1 and Form 2 questionnaires returned by each AFEES is the result of excluding questionnaires completed by ineligible respondents and questionnaires marked "refused." In the actual shipments received by the AFEES,

the two forms were alternated; i.e., equal numbers of each form were sent.

The AFEES identification number was added to each questionnaire as part of the processing at DMDC. Questionnaires without identifiers were either mismarked at DMDC or received in a shipment without an AFEES identification.

Table A

ADMINISTRATION DATES AND NUMBER OF RESPONDENTS  
SURVEYED, BY AFEEs1979 DoD Survey of Personnel Entering Military Service  
Wave 1

AFEEs ID Number	Location	Survey Dates and Number of Days	Number of Respondents		
			F1	F2	Total
01	Portland, ME	4/20/79-5/16/79	20	49	100
02	Manchester, NH	Not Administered	—	—	—
03	Boston, MA	4/30/79-5/24/79	20	259	469
04	Springfield, MA	4/23/79-5/19/79	20	74	143
05	New Haven, CT	4/23/79-5/21/79	19	57	112
06	Albany, NY	4/24/79-5/19/79	20	67	138
07	Brooklyn, NY	5/07/79-5/31/79	16	218	427
08	Newark, NJ	4/20/79-5/16/79	20	163	318
09	Philadelphia, PA	5/22/79-6/18/79	15	78	158
10	Syracuse, NY	Not Administered	—	—	—
11	Buffalo, NY	4/19/79-5/15/79	20	130	264
12	Wilkes Barre, PA	4/20/79-5/18/79	19	57	117
13	Harrisburg, PA	4/25/79-5/22/79	19	97	191
14	Pittsburgh, PA	4/20/79-5/22/79	23	122	284
15	Baltimore, MD	Not Administered	—	—	—
16	Richmond, VA	4/26/79-5/22/79	19	141	270
17	Beckley, WV	4/20/79-5/16/79	20	72	145
18	Knoxville, TN	4/20/79-5/21/79	21	71	140
19	Nashville, TN	4/20/79-5/17/79	19	89	176
20	Louisville, KY	4/18/79-5/10/79	17	127	254
21	Cincinnati, OH	4/23/79-5/17/79	19	95	185
22	Columbus, OH	4/19/79-5/15/79	20	120	236
23	Cleveland, OH	4/19/79-5/15/79	20	241	477
24	Detroit, MI	4/24/79-5/19/79	20	269	536
25	Milwaukee, WI	4/19/79-5/18/79	20	99	201
26	Chicago, IL	5/01/79-5/23/79	18	326	642
27	Indianapolis, IN	4/23/79-5/17/79	20	137	271
28	St. Louis, MO	4/19/79-5/15/79	20	265	526
29	Memphis, TN	4/20/79-5/16/79	20	82	170
30	Jackson, MS	4/25/79-5/19/79	20	81	155
31	New Orleans, LA	5/08/79-6/04/79	20	105	206
32	Montgomery, AL	5/14/79-6/08/79	19	128	254
33	Atlanta, GA	4/23/79-5/21/79	20	187	366
34	Fort Jackson, SC	4/23/79-5/10/79	10	69	155
35	Jacksonville, FL	4/25/79-5/18/79	18	280	555
36	Miami, FL	4/26/79-5/24/79	21	90	183
37	Charlotte, NC	4/21/79-5/16/79	14	60	72

Table A (Continued)

ADMINISTRATION DATES AND NUMBER OF RESPONDENTS  
SURVEYED, BY AFEES (Continued)

1979 DoD Survey of Personnel Entering Military Service Wave 1

AFEES ID Number	Location	Survey Dates and Number of Days	Number of Respondents		
			F1	F2	Total
38	Raleigh, NC	4/23/79-5/16/79	18	92	87
39	Shreveport, LA	4/23/79-5/17/79	20	86	87
40	Dallas, TX	4/23/79-5/23/79	20	183	174
41	Houston, TX	4/23/79-5/17/79	19	153	159
42	San Antonio, TX	4/24/79-5/18/79	20	261	259
43	Oklahoma City, OK	4/24/79-5/18/79	18	79	77
44	Amarillo, TX	4/24/79-5/19/79	16	24	22
45	Little Rock, AR	4/23/79-5/18/79	17	77	80
46	Kansas City, MO	5/07/79-6/01/79	20	139	143
47	Des Moines, IA	4/19/79-5/16/79	17	39	33
48	Minneapolis, MN	4/19/79-5/15/79	19	102	97
49	Fargo, ND	4/18/79-5/12/79	19	31	30
50	Sioux Falls, SD	4/23/79-5/17/79	19	39	36
51	Omaha, NE	4/19/79-5/15/79	20	70	71
52	Denver, CO	4/20/79-6/01/79	20	161	147
53	Albuquerque, NM	4/21/79-5/17/79	17	34	35
54	El Paso, TX	4/24/79-5/19/79	20	56	55
55	Phoenix, AZ	4/30/79-5/25/79	20	121	121
56	Salt Lake City, UT	4/30/79-5/24/79	20	53	61
57	Butte, MT	4/23/79-5/22/79	19	34	36
58	Spokane, WA	4/25/79-5/22/79	19	48	44
59	Boise, ID	4/25/79-5/21/79	18	32	32
60	Seattle, WA	4/24/79-5/18/79	20	68	71
61	Portland, OR	4/26/79-5/31/79	15	80	74
62	Oakland, CA	4/26/79-5/23/79	20	284	256
63	Fresno, CA	4/26/79-5/22/79	20	105	108
64	Los Angeles, CA	4/23/79-5/11/79	13	188	193
65	Honolulu, HI	5/07/79-5/31/79	17	52	54
66	San Juan, PR (Guaynabo)	4/25/79-6/01/79	19	--	--
67	San Diego, CA	4/30/79-5/24/79	20	73	75
MISSING			150	215	417
TOTAL			7419	7332	14751

## Appendix B

CROSS-REFERENCE OF FORM 1 QUESTIONNAIRE TO FORM 2,  
FORM 3 AND FORM 4 QUESTIONNAIRES

As indicated in Section III, the 1979 AFEES Survey is composed of a set of four questionnaires: Forms 1 and 2 were administered in Wave 1 (Spring) and Forms 3 and 4 were administered in Wave 2 (Fall).

In addition to a set of items common to all four forms, items related to different policy issues were clustered in questionnaire pairs. Items designed to collect detailed information about the enlistment process were clustered in Forms 1 and 3. Items identified as possible predictors of attrition, together with items asked specifically of female enlistees, were clustered in Forms 2 and 4.

This appendix allows the user to determine the question number(s) for items in Form 1 which also appear on one of the other forms. It is an ordered listing of every item in Form 1, i.e., in the same order as the questionnaire in Section V, together with precise question referents to the other three questionnaires, i.e., to Forms 2, 3, and 4. In using this appendix, the user should not assume that the response codes assigned to questions which have been cross-referenced are identical. Although in most cases they are the same across forms, before comparing actual data the codebooks should be consulted. The notes appended to the end of the cross-reference listing alert the user to some of these differences.

Table B  
CROSS-REFERENCE OF FORM 1 QUESTIONNAIRE  
TO FORM 2, 3, AND 4 ITEMS

Variable Name				Item Description
Form 1(a)	Form 2	Form 3	Form 4	
XV1	XV1	XV1	XV1	Form Code
XV2	XV2	XV2	XV2	Intran Process Number
B1	B1	1A	1A	Survey month
B2	B2	1B	1B	Survey day
1	2	2	2	Service
2	2	3	3	Survey eligibility
3	3	4A	4A	Shipping out today
3A1	3A1	4B1	4B1	Month entering active duty
3A2	3A2	4B2	4B2	Day entering active duty
3A3	3A3	4B3	4B3	Year entering active duty
3B	3B		4C	Reason for delayed entry
4	4	5A	5	Years of active duty(b)
5		5B		Alternative to two year enlist
6		6		Total military obligation
7		7		Entry pay grade
8		8		Pay grade in one year
9	5	9	6	Monthly basic pay
10		10		Enlist for less pay
11A	6K	11A	7K	Reasons--couldn't find civilian job
11B	6J	11B	7J	Reasons--get away from home
11C	6I	11C	7I	Reasons--better myself
11D	6H	11D	7H	Reasons--travel
11E	6G	11E	7G	Reasons--get away from personal problem
11F	6F	11F	7F	Reasons--serve my country
11G	6E	11G	7E	Reasons--earn more money
11H	6D	11H	7D	Reasons--family tradition
11I	6C	11I	7C	Reasons--prove I can make it
11J	6B	11J	7B	Reasons--get training
11K	6A	11K	7A	Reason--money for college

Table B (Continued)

CROSS-REFERENCE OF FORM 1 QUESTIONNAIRE  
TO FORM 2, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1(a)	Form 2	Form 3	Form 4	
12	7	12	8	Most important reason for enlisting
13	8	13	9	Second most important reason for enlisting
14A	9A	14A	10A	First choice service
14B	9B	14B	10B	Second choice service
14C	9C	14C	10C	Third choice service
14D	9D	14D	10D	Fourth choice service
15	12			Choice for length of enlistment
16A1	10A	15A	11A	Knew job wanted
16A2	10B	15B	11B	Knew job was qualified for
16A3	10C	15C	11C	Didn't qualify for job wanted
16A4	10D		11D	Counselor told about several jobs
16A5	10E			Job wasn't available for time wanted
16A6	10F	15G	11G	Counselor told which job best
16A7	10G	15H	11H	Job is different from wanted
16A8	10H	15I	11I	Job didn't matter
16B	11	18	13	Satisfaction with military job
17		19A		Signed up for bonus
17A		19B		Amount of bonus
17B		19C		Alternative if no cash bonus
18	15	20	16	Ease of attrition
19A		22A		Two-year contract: Army
19B		22B		Two-year contract: Navy
19C		22C		Two-year contract: Air Force
19D		22D		Two-year contract: Marines
19E		22E		Two-year contract: None
19F		22F		Two-year contract: Don't know
20A		23A		Guaranteed location: Army
20B		23B		Guaranteed location: Navy
20C		23C		Guaranteed location: Air Force
20D		23D		Guaranteed location: Marines
20E		23E		Guaranteed location: None
20F		23F		Guaranteed location: Don't know
21	16	24	17	Sex
22	18	25	19	SSN
23	20	26	21	Race

Table B (Continued)

CROSS-REFERENCE OF FORM 1 QUESTIONNAIRE  
TO FORM 2, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1(a)	Form 2	Form 3	Form 4	
24A	19A	27A	20A	Birthday--month
24B	19B	27B	20B	Birthday--day
24C	19C	27C	20C	Birthday--year
25A	21A	28A	22A	Place of birth
25B	21B	28B	22B	Current residence--state
25C	21C			Residence when decided to enlist
26	22	30	24	County when decided to enlist
27	23	29	23	Zip code when decided to enlist
28		31		Current residence--size of place
29A1	24A	32A	25A1	Family age 14, mother
29A2	24B	32B	25A2	Family age 14, father
29A3	24C	32C	25A3	Family age 14, stepmother
29A4	24D	32D	25A4	Family age 14, stepfather
29A5	24E	32E	25A5	Family age 14, grandparents
29A6	24F	32F	25A6	Family age 14, other male relative(c)
29A7	24G	32G	25A7	Family age 14, other female relative(c)
29A8	24H	32H	25A8	Family age 14, persons not related
29B1	25A	33A	26A	Living with now, mother
29B2	25B	33B	26B	Living with now, father
29B3	25C	33C	26C	Living with now, stepmother
29B4	25D	33D	26D	Living with now, stepfather
29B5	25E	33E	26E	Living with now, grandparents
29B6	25F	33F	26F	Living with now, other relatives
29B7	25G	33G	26G	Living with now, spouse
29B8	25H	33H	26H	Living with now, inlaws
29B9	25I	33I	26I	Living with now, persons not related
29B10	25J	33J	26J	Living with now, alone
29C1	26A	34	27A	Live with family now
29C2	26B	34A	27B	Month last lived with family
29C3	26C	34B	27C	Year last lived with family
30A	79	41	80	Total family income(b)
30B	80	42	81	Family income from welfare
31	28	45A	31A	Currently in school
31A1	28A1	45B1	31B1	Month last attended school
31A2	28A2	45B2	31B2	Year last attended school
31B	28B	45C		Last attended school FT or PT
32		46		Today highest grade
33	29	47	32	Active duty, highest grade

Table B (Continued)

CROSS-REFERENCE OF FORM 1 QUESTIONNAIRE  
TO FORM 2, 3, AND 4 ITEMS (Continued)

Variable Name					Item Description
Form 1(a)	Form 2	Form 3	Form 4		
34A	30	48	33A		Active duty, highest degree
34B	33	49A	34A		Minimum competency exam
34C	33A	49B	34B		Pass minimum competency exam
35	34	50	35		Grades
36	35	51A	36A		Attend voc, tech, business school(d)
36A	35A	51B	36B		Complete voc, tech, business school
37A		56			Plan to participate in VEAP
37B					Plan to participate in VEAP if less than \$50
38		57A			Extra VEAP bonus
38A		57B			Amount extra VEAP bonus(e)
38B		57C			Alternate if no extra VEAP
39	36	58	41		Future highest grade
40	37	59A	42A		Marital status
40A	37A	59B	42B		Engaged now
40B	37B		42C		When plan to get married
41	38	60	43		Years married
42					Spouse's education
43	39	61A	44A		Spouse on active duty now
43A	39A	61B	44B		Spouse plan to enter active duty
44A	40	62	45		Number children now
44B	41		46		Total number children expected
45	44	63	49		Ever worked
46	45	64	50		Ever work, 30 hours per week
47		75			Received unemployment
48A	48A	65A	51A		Month started current/last job
48B	48B	65B	51B		Year started current/last job
49	53	71	57		Working now
49A	53A	71A	57A		Month job ended
49B	53B	71B	57B		Year job ended
50	51	69	55		Hours per week worked
51	49	66	52		Occupation(f)
52	50	67	53		Industry(f)
53	52	70	56		Hourly earnings

Table B (Continued)

CROSS-REFERENCE OF FORM 1 QUESTIONNAIRE  
TO FORM 2, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1(a)	Form 2	Form 3	Form 4	
54A	55A			January 1978 activity
54B	55B			February 1978 activity
54C	55C	76A	61A	March 1978 activity
54D	55D	76B	61B	April 1978 activity
54E	55E	76C	61C	May 1978 activity
54F	55F	76D	61D	June 1978 activity
54G	55G	76E	61E	July 1978 activity
54H	55H	76F	61F	August 1978 activity
54I	55I	76G	61G	September 1978 activity
54J	55J	76H	61H	October 1978 activity
54K	55K	76I	61I	November 1978 activity
54L	55L	76J	61J	December 1978 activity
54M	55M	76K	61K	January 1979 activity
54N	55N	76L	61L	February 1979 activity
55	56			March 1979 activity
56	88	78	91	Ease of finding civilian job
57A	57A	77A		CETA participation
57B	57B	77B		Job Corps participation
57C	57C	77C		Other gov. program participation
58	58	79	63	1978 earnings
59	59	80	64	1977 earnings
60	60	81	65	1976 earnings
61				Total savings
62	61			Allowance
63	62			Amount of rent
64	63	82	62	Expenses R pays
65	64			Number of dependents
66A	87A	83A	90A	Alternative: full time work
66B	87B	83B	90B	Alternative: part time work
66C	87C	83C	90C	Alternative: looking for work
66D	87D	83D	90D	Alternative: full time school
66E	87E	83E	90E	Alternative: part time school
66F	87F	83F	90F	Alternative: traveling, break, etc.
66G	87G	83G	90G	Alternative: getting married
66H	87H	83H	90H	Alternative: full-time homemaker
67		84		Earnings if not enlisting
68		85		Civilian job, \$500
69		86		Civilian job, \$700

Table P (Continued)

CROSS-REFERENCE OF FORM 1 QUESTIONNAIRE  
TO FORM 2, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1(a)	Form 2	Form 3	Form 4	
70A1				Did not call toll free
70A2				Called Army toll free
70A3				Called Navy toll free
70A4				Called Air Force toll free
70A5				Called Marines toll free
70B1				Did not mail coupon
70B2				Mailed coupon, Army
70B3				Mailed coupon, Navy
70B4				Mailed coupon, Air Force
70B5				Mailed coupon, Marines
70C1	81A	88A	82A	Saw Army recruiter
70C2	81B	88B	82B	Saw Navy recruiter
70C3	81C	88C	82C	Saw Air Force recruiter
70C4	81D	88D	82D	Saw Marine recruiter
70D1	84A	89A	85A	Not told ineligible
70D2	84B	89B	85B	Ineligible, Army
70D3	84C	89C	85C	Ineligible, Navy
70D4	84D	89D	85D	Ineligible, Air Force
70D5	84E	89E	85E	Ineligible, Marines
71A	82	90	83	First recruiter seen
71B		91		How met first recruiter
71C1	83A	92A	84A	Month saw first recruiter
71C2	83B	92B	84B	Year saw first recruiter
71D		93A		Did first recruiter refer
71E1		93B1		First recruiter referral--Army
71E2		93B2		First recruiter referral--Navy
71E3		93B3		First recruiter referral--Air Force
71E4		93B4		First recruiter referral--Marines
72A		94		Second recruiter seen
72B		95		How met second recruiter
72C1		96A		Month saw second recruiter
72C2		96B		Year saw second recruiter
72D		97A		Did second recruiter refer
72E1		97B1		Second recruiter referral--Army
72E2		97B2		Second recruiter referral--Navy
72E3		97B3		Second recruiter referral--Air Force
72E4		97B4		Second recruiter referral--Marines

Table B (Continued)

CROSS-REFERENCE OF FORM 1 QUESTIONNAIRE  
TO FORM 2, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1(a)	Form 2	Form 3	Form 4	
73		99		Number of ASVABs taken
74A	86A	100A		Month of final decision
74B	86B	100B		Year of final decision
75		101A		Screen: joining Army
75A1		101B1		Army offered \$150 more
75A2		101B2		Army offered two-year contract
75A3		101B3		Army offered \$2000 bonus
76		102A		Screen: joining Navy
76A1		102B1		Navy offered \$150 more
76A2		102B2		Navy offered two-year contract
76A3		102B3		Navy offered guaranteed location
77		103A		Screen: joining Air Force
77A1		103B1		Air Force offered \$150 more
77A2		103B2		Air Force offered two-year contract
77A3		103B3		Air Force offered guaranteed location
78		104A		Screen: joining Marines
78A1		104B1		Marines offered \$150 more
78A2		104B2		Marines offered two-year contract
78A3		104B3		Marines offered \$2000 Bonus
79A	85A	105A	87A	Father's feelings
79B	85B	105B	87B	Mother's feelings
79C	85C	105D	87D	Other relatives feelings
79D	85D	105G	87G	Girl friend/boy friend, spouse feelings
79E	85E	105E	87E	Military friends feelings
79F	85F	105F	87F	Non-military friends feelings
79G	85G	105H	87H	High school counselor feelings
80A				Service choice: friends or relatives
80B				Service choice: short enlistment
80C				Service choice: military job
80D				Service choice: best locations
80E				Service choice: enlistment bonus

Table B (Continued)

CROSS-REFERENCE OF FORM 1 QUESTIONNAIRE  
TO FORM 2, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1(a)	Form 2	Form 3	Form 4	
81A		106A		If ineligible which other serv.-- Army
81B		106B		If ineligible which other serv.-- Navy
81C		106C		If ineligible which other serv.-- Air Force
81D		106D		If ineligible which other serv.-- Marines
81E		106E		If ineligible no other service
82		107		Plan to re-enlist
83		108		Expected total years active duty
84	92	109	95	Expected satisfaction
85	103	110	106	Time ended
XV4	XV4	XV4	XV3	Minutes for completion
XV5	XV5	XV5	XV4	AFEES

(a) The first column of this table is the base questionnaire, i.e., Form 1, against which variables in other forms have been sorted.

(b) Response categories for Form 1 differ slightly from the other three forms.

(c) Wording of item on Form 1 is slightly different from the other forms.

(d) Wording of item on Forms 1 and 2 is slightly different from Forms 3 and 4.

(e) Bonus amounts used in Form 1 differ from those in Form 3.

(f) Occupations and industries have not been coded. At the present time, they are English language entries on the hard-copy questionnaires stored at the Defense Manpower Data Center.

## Appendix C

CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE TO FORM 1  
FORM 3 AND FORM 4 QUESTIONNAIRES

As indicated in Section III, the 1979 AFEES Survey is composed of a set of four questionnaires: Forms 1 and 2 were administered in Wave 1 (Spring) and Forms 3 and 4 were administered in Wave 2 (Fall).

In addition to a set of items common to all four forms, items related to different policy issues were clustered in questionnaire pairs. Items designed to collect detailed information about the enlistment process were clustered in Forms 1 and 3. Items identified as possible predictors of attrition, together with items asked specifically of female enlistees, were clustered in Forms 2 and 4.

This appendix allows the user to determine the question number(s) for items in Form 2 which also appear on one of the other forms. It is an ordered listing of every item in Form 2, i.e., in the same order as the questionnaire in Section VI, together with precise question referents to the other three questionnaires, i.e., to Forms 1, 3, and 4. In using this appendix, the user should not assume that the response codes assigned to questions which have been cross-referenced are identical. Although in most cases they are the same across forms, before comparing actual data the codebooks should be consulted. The notes appended to the end of the cross-reference listing alert the user to some of these differences.

TABLE C  
CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE  
TO FORM 1, 3, AND 4 ITEMS

Variable Name				Item Description
Form 1	Form 2(a)	Form 3	Form 4	
XV1	XV1	XV1	XV1	Form Code
XV2	XV2	XV2	XV2	Intran Process Number
B1	B1	1A	1A	Survey month
B2	B2	1B	1B	Survey day
1	1	2	2	Service
2	2	3	3	Survey eligibility
3	3	4A	4A	Shipping out today
3A1	3A1	4B1	4B1	Month entering active duty
3A2	3A2	4B2	4B2	Day entering active duty
3A3	3A3	4B3	4B3	Year entering active duty
3B	3B		4C	Reason for delayed entry
4	4	5A	5	Years of active duty(b)
9	5	9	6	Monthly basic pay
11K	6A	11K	7A	Reason--money for college
11J	6B	11J	7B	Reasons--get training
11I	6C	11I	7C	Reasons--prove I can make it
11H	6D	11H	7D	Reasons--family tradition
11G	6E	11G	7E	Reasons--earn more money
11F	6F	11F	7F	Reasons--serve my country
11E	6G	11E	7G	Reasons--get away from personal problem
11D	6H	11D	7H	Reasons--travel
11C	6I	11C	7I	Reasons--better myself
11B	6J	11B	7J	Reasons--get away from home
11A	6K	11A	7K	Reasons--couldn't find civilian job
12	7	12	8	Most important reason for enlisting
13	8	13	9	Second most important reason for enlisting
14A	9A	14A	10A	First choice service
14B	9B	14B	10B	Second choice service
14C	9C	14C	10C	Third choice service
14D	9D	14D	10D	Fourth choice service
16A1	10A	15A	11A	Knew job wanted
16A2	10B	15B	11B	Knew job was qualified for
16A3	10C	15C	11C	Didn't qualify for job wanted
16A4	10D		11D	Counselor told about several jobs

TABLE C (Continued)

CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE  
TO FORM 1, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1	Form 2(a)	Form 3	Form 4	
16A5	10E			Job wasn't available for time wanted
16A6	10F	15G	11G	Counselor told which job best
16A7	10G	15H	11H	Job is different from wanted
16A8	10H	15I	11I	Job didn't matter
15B	11	18	13	Satisfaction with military job
15	12			Choice for length of enlistment
	13		14	Expected location after training
	14		15	Contract included guaranteed location
18	15	20	16	Ease of attrition
21	16	24	17	Sex
	17		18	Physical condition
22	18	25	19	SSN
24A	19A	27A	20A	Birthday--month
24B	19B	27B	20B	Birthday--day
24C	19C	27C	20C	Birthday--year
23	20	26	21	Race
25A	21A	28A	22A	Place of birth
25B	21B	28B	22B	Current residence--state
25C	21C			Residence when decided to enlist
26	22	30	24	County when decided to enlist
27	23	29	23	Zip code when decided to enlist
29A1	24A	32A	25A1	Family age 14, mother
	24A1		25B	Why didn't live with both parents?
29A2	24B	32B	25A2	Family age 14, father
29A3	24C	32C	25A3	Family age 14, stepmother
29A4	24D	32D	25A4	Family age 14, stepfather
29A5	24E	32E	25A5	Family age 14, grandparents
29A6	24F	32F	25A6	Family age 14, other male relative(c)
29A7	24G	32G	25A7	Family age 14, other female relative(c)
29A8	24H	32H	25A8	Family age 14, persons not related
29B1	25A	33A	26A	Living with now, mother
29B2	25B	33B	26B	Living with now, father
29B3	25C	33C	26C	Living with now, stepmother
29B4	25D	33D	26D	Living with now, stepfather
29B5	25E	33E	26E	Living with now, grandparents
29B6	25F	33F	26F	Living with now, other relatives

TABLE C (Continued)

CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE  
TO FORM 1, 3, AND 4 ITEMS (Continued)

Variable Name				
Form 1	Form 2(a)	Form 3	Form 4	Item Description
29B7	25G	33G	26G	Living with now, spouse
29B8	25H	33H	26H	Living with now, inlaws
29B9	25I	33I	26I	Living with now, persons not related
29B10	25J	33J	26J	Living with now, alone
29C1	26A	34	27A	Live with family now
29C2	26B	34A	27B	Month last lived with family
29C3	26C	34B	27C	Year last lived with family
		27	29	Number states, countries lived in
31	28	45A	31A	Currently in school
31A1	28A1	45B1	31B1	Month last attended school
31A2	28A2	45B2	31B2	Year last attended school
31B	28B	45C		Last attended school FT or PT
33	29	47	32	Active duty, highest grade
34A	30	48	33A	Active duty, highest degree
	31A		33B1	Reason left high school: needed money
			33B2	Reason left high school: expelled
			33B3	Reason left high school: found job
			33B4	Reason left high school: bored
			33B5	Reason left high school: married
			33B6	Reason left high school: bad grades
			33B7	Reason left high school: other students
			33B8	Reason left high school: strict rules
			33B9	Reason left high school: no graduation
			33B10	Reason left high school: teachers
			33B11	Reason left high school: wanted work
		32	33C	Most important reason left high school
34B	33	49A	34A	Minimum competency exam
34C	33A	49B	34B	Pass minimum competency exam
35	34	50	35	Grades
36	35	51A	36A	Attend voc, tech, business school(d)
36A	35A	51B	36B	Complete voc, tech, business school

TABLE C (Continued)

CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE  
TO FORM 1, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1	Form 2(a)	Form 3	Form 4	
39	36	58	41	Future highest grade
40	37	59A	42A	Marital status
40A	37A	59B	42B	Engaged now
40B	37B		42C	When plan to get married
41	38	60	43	Years married
43	39	61A	44A	Spouse on active duty now
43A	39A	61B	44B	Spouse plan to enter active duty
44A	40	62	45	Number children now
44B	41		46	Total number children expected
	42A		47A	Job char.: physical work
	42B		47B	Job char.: steady work
	42C		47C	Job char.: no responsibilities
	42D		47D	Job char.: mental skills
	42E		47E	Job char.: money
	42F		47F	Job char.: people
	42G		47H	Job char.: mechanical
	42H		47G	Job char.: own boss
	42I		47J	Job char.: not dirty
	42J		47I	Job char.: looked up to
	43		48	Most important job characteristic
45	44	63	49	Ever worked
46	45	64	50	Ever work, 30 hours per week
	46	72	58	Number of employers
	47A	74A	60A	Ever left job: sick(e)
	47B			Ever left job: fired
	47C	74B	60B	Ever left job: bad pay
	47D			Ever left job: laid off
	47E			Ever left job: strict rules
	47F	74C	60C	Ever left job: co-workers
	47G	74D	60D	Ever left job: moved
	47H	74E	60E	Ever left job: supervisor
	47I	74F	60F	Ever left job: married
	47J	74G	60G	Ever left job: no chance ahead
	47K	74H	60H	Ever left job: too hard
	47L			Ever left job: bad conditions
	47M			Ever left job: back to school
48A	48A	65A	51A	Month started current/last job
48B	48B	65B	51B	Year started current/last job

TABLE C (Continued)

CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE  
TO FORM 1, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1	Form 2(a)	Form 3	Form 4	
51	49	66	52	Occupation(f)
52	50	67	53	Industry(f)
50	51	69	55	Hours per week worked
53	52	70	56	Hourly earnings
49	53	71	57	Working now
49A	53A	71A	57A	Month job ended
49P	53B	71B	57B	Year job ended
54A				Left last job: sick(e)
54B				Left last job: fired
54C				Left last job: bad pay
54D				Left last job: laid off
54E				Left last job: strict rules
54F				Left last job: co-workers
54G				Left last job: moved
54H				Left last job: supervisor
54I				Left last job: married
54J				Left last job: no chance ahead
54K				Left last job: too hard
54L				Left last job: bad conditions
54M				Left last job: back to school
54A	55A			January 1978 activity
54B	55B			February 1978 activity
54C	55C	76A	61A	March 1978 activity
54D	55D	76B	61B	April 1978 activity
54E	55E	76C	61C	May 1978 activity
54F	55F	76D	61D	June 1978 activity
54G	55G	76E	61E	July 1978 activity
54H	55H	76F	61F	August 1978 activity
54I	55I	76G	61G	September 1978 activity
54J	55J	76H	61H	October 1978 activity
54K	55K	76I	61I	November 1978 activity
54L	55L	76J	61J	December 1978 activity
54M	55M	76K	61K	January 1979 activity
54N	55N	76L	61L	February 1979 activity
55	56			March 1979 activity
57A	57A	77A		CETA participation
57B	57B	77B		Job Corps participation
57C	57C	77C		Other gov. program participation

TABLE C (Continued)

CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE  
TO FORM 1, 3, AND 4 ITEMS (Continued)

Variable Name					Item Description
Form 1	Form 2(a)	Form 3	Form 4		Item Description
58	58	79	63	1978	earnings
59	59	80	64	1977	earnings
60	60	81	65	1976	earnings
62	61			Allowance	
63	62			Amount of rent	
64	63	82	62	Expenses R pays	
65	64			Number of dependents	
	65A	43	66A	Total number siblings	
	65B		66B	Number older siblings	
	65C			Number younger siblings	
	65D		67	Oldest sibling's highest grade	
	66	44	68	Number siblings ever on active duty	
	67A1		69A1	Sex of sibling	
	67A2		69A2	Sex of sibling	
	67A3		69A3	Sex of sibling	
	67B1		69B1	Sibling on active duty	
	67B2		69B2	Sibling on active duty	
	67B3		69B3	Sibling on active duty	
	67C1A		69C1A	Sibling served Army	
	67C1B		69C1B	Sibling served Navy	
	67C1C		69C1C	Sibling served Air Force	
	67C1D		69C1D	Sibling served Marines	
	67C2A		69C2A	Sibling served Army	
	67C2B		69C2B	Sibling served Navy	
	67C2C		69C2C	Sibling served Air Force	
	67C2D		69C2D	Sibling served Marines	
	67C3A		69C3A	Sibling served Army	
	67C3B		69C3B	Sibling served Navy	
	67C3C		69C3C	Sibling served Air Force	
	67C3D		69C3D	Sibling served Marines	
	67D1		69D1	Sibling's years of service	
	67D2		69D2	Sibling's years of service	
	67D3		69D3	Sibling's years of service	
68	38		70A	Father ever served active duty	
			70B	Father active duty now	
			70C1	Father served Army	
			70C2	Father served Navy	

TABLE C (Continued)

CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE  
TO FORM 1, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1	Form 2(a)	Form 3	Form 4	
68B3		70C3		Father served Air Force
68B4		70C4		Father served Marines
68C		70D		Father years of service
69		71		Father's age
70		72		Father's education
71		73		Father ever worked
72A	39A	74A		Father's occupation (f) (g)
72B	39B	74B		Father's industry (f)
73				Mother ever served active duty
74		75		Mother's age
75		76		Mother's education
76		77		Mother worked when 14
77		78		Mother worked in past 5 years
78A	40A	79A		Mother's occupation (f) (g)
78B	40B	79B		Mother's industry (f)
30A	79	80		Total family income (b)
30B	80	81		Family income from welfare
70C1	81A	88A	82A	Saw Army recruiter
70C2	81B	88B	82B	Saw Navy recruiter
70C3	81C	88C	82C	Saw Air Force recruiter
70C4	81D	88D	82D	Saw Marine recruiter
71A	82	90	83	First recruiter seen
71C1	83A	92A	84A	Month saw first recruiter
71C2	83B	92B	84B	Year saw first recruiter
70D1	84A	89A	85A	Not told ineligible
70D2	84B	89B	85B	Ineligible, Army
70D3	84C	89C	85C	Ineligible, Navy
70D4	84D	89D	85D	Ineligible, Air Force
70D5	84E	89E	85E	Ineligible, Marines
79A	85A	105A	87A	Father's feelings
79B	85B	105B	87B	Mother's feelings
79C	85C	105D	87D	Other relatives feelings
79D	85D	105G	87G	Girl friend/boy friend, spouse feelings
79E	85E	105E	87E	Military friends feelings
79F	85F	105F	87F	Non-military friends feelings
79G	85G	105H	87H	High school counselor feelings

TABLE C (Continued)

CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE  
TO FORM 1, 3, AND 4 ITEMS (Continued)

Variable Name				Item Description
Form 1	Form 2(a)	Form 3	Form 4	
74A	86A	100A		Month of final decision
74B	86B	100B		Year of final decision
66A	87A	83A	90A	Alternative: full time work
66B	87B	83B	90B	Alternative: part time work
66C	87C	83C	90C	Alternative: looking for work
66D	87D	83D	90D	Alternative: full time school
66E	87E	83E	90E	Alternative: part time school
66F	87F	83F	90F	Alternative: traveling, break, etc.
66G	87G	83G	90G	Alternative: getting married
66H	87H	83H	90H	Alternative: full-time homemaker
56	88	78	91	Ease of finding civilian job
	89A		92A	Good luck/hard work
	89B		92B	As well as most people
	89C		92C	Prevented from getting ahead
	89D		92D	Plans rarely work out
	89E		92E	Better to accept lot in life
	89F		92F	Satisfied with self
	90		93	Location choice
	91		94	Return to area after military
84	92	109	95	Expected satisfaction
	93		96	Military unusual for women
	94		97A	Military job like civilian or unlike civilian females(e)
	95		97B	Counselor told about nontrad. jobs
	95A			Didn't take nontrad. job
	96A			Father's feelings about job
	96B			Mother's feelings about job
	96C			Spouse, boyfriend feeling about job
	96D			Girlfriend's feelings about job
	97			Most important feelings
	98		98	Trad./nontrad. chance for civilian job
	99		99	Work/marriage if no need
	99A		100	Expected need to work if married
	99B		101	Married with child, expect to work

TABLE C (Continued)

CROSS-REFERENCE OF FORM 2 QUESTIONNAIRE  
TO FORM 1, 3, AND 4 ITEMS (Continued)

Variable Name				
Form 1	Form 2(a)	Form 3	Form 4	Item Description
	100		102	Work/child if no need
	101		103	Expected need to work if child
	102		105	Married woman work if allowed/ if wants
85	103	110	106	Time ended
XV4	XV4	XV4	XV3	Minutes for completion
XV5	XV5	XV5	XV4	AFEES

(a) The second column of this table is the base questionnaire, i.e., Form 2, against which variables in other forms have been sorted.

(b) Response categories for Form 1 differ slight from the other three forms.

(c) Wording of item on Form 1 is slightly different from the other forms.

(d) Wording of item on Forms 1 and 2 is slight different from Forms 3 and 4.

(e) Response categories for Form 2 differ slightly from those on Form 4.

(f) Occupations and industries, both those of the respondent and those of parents, have not been coded. At the present time, they are English language entries on the hard-copy questionnaires stored at the Defense Manpower Data Center.

(g) Response categories for Form 3 differ somewhat from the other forms.

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